Fourth Revised Edition MIT-H-86-001 JPPER NORTH SHORE LOAN COPY ONLY OWER NORTH SHORE Citizen's Guide to Sources for Marine and SOSTON HARBOR Coastal Information in Massachusetts SOUTH SHORE W CIRCULATING CAPY Sea Grant Depository PLYMOUTH BAY MINIONAL SEA GRANT DEPOSITORY NAMTUCKET PELL LISEARY BUILDING MARTHA'S VINEYARD URI, NARRAGANSETT BAY CAMPUS NARRAGANSETT, RI 02882 MIT Sea Grant College Program MITSG 86-6 October 1986

MITTER SECTION

CITIZEN'S GUIDE TO SOURCES FOR MARINE AND COASTAL INFORMATION IN MASSACHUSETTS

Fourth, revised edition

Compiled by Susan Stolz Goldie MIT Sea Grant Information Center

Massachusetts Institute of Technology Sea Grant College Program Cambridge, Massachusetts October 1986

NATIONAL SEA GRANT DEPOSITORY PELL LIBRARY BUILDING URI NARRAGANSETT BAY CAMPUS NARRAGANSETT, RI 02882

ACKNOWLED GEMENTS

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To learn how to obtain additional copies of this publication (MITSG 86-6) or to suggest new organizations for our next edition, please contact:

MIT Sea Grant Information Center E38-306 Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139 (617/253-5944)

Cover map: from Massachusetts Coastal Zone Management Plan, Volume II: Massachusetts Coastal Regions and an Atlas of Resources / by the Massachusetts Coastal Zone Management Office, 1977.

INTRODUCTION

The first edition of the Citizen's Guide was published in 1977 because of the difficulty many people were having finding answers to a wide range of marine-related questions. MIT Sea Grant's Information Center had for some time been receiving inquiries from fishermen and other business people, teachers, local planning groups, parents, and homeowners. They wanted to know whom to ask about a problem, a new business opportunity, research information sources, educational facilities, and government regulations.

A concise directory of information sources has proven useful to individuals, local groups, and business organizations in finding the information they needed. However, many of the entries have changed and some new sources have become available in the three years since our last edition (October 1983). This 4th revision of the Citizen's Guide incorporates deletions, additions and recommendations that came to us both from individuals who have used the earlier editions and from the organizations which answered their questions. The kinds of organizations included are as varied as the many sapects of ocean research and coastal issues, but each has some marine-related expertise and a willingness to share it with the public.

Organizations are listed alphabetically and indexed at the back by specialty. New, more specific index terms have been added.

ALLIANCE FOR BOSTON HARBOR ACTION On Board the Chelsea 300 Congress Street Boston, MA 02210

Phone: (617) 426-5025

Hours: 9:00-5:00

Objectives:

To be a cooperative advocacy, marketing, research and education umbrella for harborfront non-profit organizations in Boston.

Specialities: Boston Harbor.

Services:

Cooperative Cultural Boat Bus; Cooperative Harbor Education Project; Cooperative Harbor Research and Monitoring Project; cooperative harbor advocacy and marketing services for harborfront non-profits.

Contact: Timothy Anderson, Chair

AMERICAN FISHERIES SOCIETY SOUTHERN NEW ENGLAND CHAPTER c/o U.S. National Marine Fisheries Service 2 State Fish Pier 01930-3097 Gloucester, MA

Phones: (617) 281-3600 ext.243 (answered 8:00-4:30)

(617) 548-5123 ext.311 and

Objectives:

To promote and evaluate educational, scientific and technological development in fisheries science and practice. Chapter emphasis is on encouraging information exchange among AFS members in Massachusetts, Connecticut and Rhode Island.

Specialities:

Fish culture, fish health, marine fisheries, fishery education, fish management, exotic species, early life histories, bio-engineering, computer use, water quality, economics and fisheries administration.

Annual June and December meetings held in various locations Southern New England. AFS publications include "Transactions "Fisheries Magazine", "North American Journal of Fisheries Management" and "Progressive Fish-Culturist".

Fees: Membership \$36 per year

Contacts: Harold C. Mears, President-Elect Gordon Waring, President

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AQUA CIRCUS OF CAPE COD (AQUARIUM OF CAPE COD INC.)

West Yarmouth, MA 02673

Phone: (617) 775-8883

Bours: Summer: 9:30~9 daily: Labor Day-late June: 9:30~5 daily

Objectives:

To present local and exotic animals from land and sea in an educational and entertaining way, with special attention toward

Specialities:

Dolphins; whales; inhabitants of all local environments. Care a raising of unusual animals, i.e. reptiles, fish; Cape Cod.

Services:

Lectures, specimens, exhibits, tours. Special admission rates f groups, senior citizens, infants, military personnel.

Fees: Admission \$3.50-6.50

Contact: Dennis Markham, Director

ASSOCIATION FOR THE PRESERVATION OF CAPE COD (APCC) P.O. Box 636 Orleans, MA 02653

Street address: 169 Route 6A

Phone: (617) 255-4142

Hours: 9:00-4:00 Monday-Friday

Objectives:

To protect the Cape Cod environment and inform the public.

Specialities:

Groundwater protection, wetlands preservation, land use planning.

Services:

Advisory, referral, library, publications, lectures, workshops.

Fees: small fee for publications

Newsletter: "Shore Lines", 6/year, free to members

Contacts: Esther A. Snyder, Executive Director Elizabeth Price, Office Manager

5
BARMSTABLE CONSERVATION FOUNDATION
P.O. Box 700
Cotuit, NA 02635

Phones: (617) 428-4585 (answered Director's home)

and (617) 428-6755 (President's home)

Objectives:

To assist in the preservation of the rural character of the town of Barnstable. To preserve and maintain natural resources and wildlife areas within the town of Barnstable. Conservation of public water resources and historical areas.

Specialities: Conservation of critical resource areas.

assisting landowners in the preservation of our natural environs

Mewsletter: free

Contacts: Jaci Barton, Executive-Director

Bus Putnam, President

MERCANIAR MUSEUM AQUARIUM BERKSHIRE MUSEUM

39 South Street (U.S. Route 7)

Pittefield, MA 01201

Phones: (413) 443-7171 (answered 9:00-5:00)

(413) 443-7172

Sours: Summer: 10-5 Mon-Sat, 1-5 Sun. Winter: closed Mondays

Objectives:

To educate "landlubbers" about the value of the oceans, especiall our own Massachusetts shore. To provide an atmosphere in which to learn more about the world's ecosystems.

Specialities:

Rabitat exhibits; rocky shore and tropical marine tanks. Hands on emperience for visiting groups and classes.

Services: Demonstrations for school groups, slide programs.

Howsletter: "Quarterly", free to members

Contacts: Thomas G. Smith, Director of Environment Education Monica Mackey, Development

BOSTON EDUCATIONAL MARINE EXCHANGE 54 Levis Wharf Boston, MA 02110

Phone: (617) 523-7611

Hours: 10:00-6:00 Honday-Friday

Objectives:

To promote an exchange among people who care about Boston Harbor and the sea beyond; the ships, the people and all life dependent on these resources. Note: BEME is planning to merge with Boston

Specialities:

Harbor revitalization; boat-building, refurbishment of historic vessel.

Services:

Project-oriented, activities include a downtown waterfront study emphasizing docking facilities and public access; boatbuilding skills workshop at Fort Andrews; refurbishment of Nantucket 1 Lightship; Antique Boat Regatta; Tugboat muster.

Fees: Membership \$25-50 per year

Contact: Pat Wells

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BOSTON HARBOR ASSOCIATES
On Board the Chelsea
300 Congress Street
Boston, MA 02210

Phone: (617) 426-5025

Hours: 9:00-5:00

Objectives:

To bring about a clean, accessible and thriving Boston Harbor through political advocacy, coordinated planning and publicity. Note: BHA is planning to merge with Boston Educational Marine Exchange.

Specialities:

Comprehensive harbor management and planning, balanced development, integrated policy and institutional development for ports and harbors.

Services:

Public education, newsletter, waterfront development negotiations, policy development, legal and legislative analysis. Corporate memberships available.

Fees: Memberships \$25 and up per year

Newsletter: "TBHA Newsletter", 4/year

Contacts: Thomas Ennen, Executive Director

Ms. Sidney Moore, Communications Director

9 SOSTON PUBLIC LIBRARY P.O. Box 286 Copley Square Boston, MA 02117

Phone: (617) 536-5400 ext.265

Rours: 9-9 Ron-Thurs, 9-5 Fri-Sat; also 2-6 on Sundays in Oct-May

Objectives:

To provide information to the general public on any subject. The Boston Public Library serves everyone in Massachusetts and velcomes out-of-state visitors to use library resources.

Specialities:

Strong collection of federal rules and regulations; state and cit documents on harbor and coast; U.N. Law of Sea; U.S. patents, trademarks, copyrights; business and legal sources; weather records; all aspects of pollution, energy, environment, biology.

Services:

To provide reference service in all areas of coastal and marine information. Circulating collection of books and films in general library; non-circulating books, journals, documents and standards in Research Library. Coast week reading list.

Contacts: Marilyn McLean, Curator, Science Reference Science reference or Government Docs.

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BOSTON REDEVELOPMENT AUTHORITY EARBOR PLANNING AND DEVELOPMENT PROJECT Charlestown Many Yard Building 34 Charlestown, MA 02029

Phone: (617) 722-4300

Rours: 9:00-5:00 Monday-Friday

Objectives:

To make Boston Harbor a multi-use harbor: to complete interim planning overlay for the waterfront district; develop design standards for Marborwalk (public access); initiate waterfront planning studies; plan for water-dependent uses like

Specialities:

Land use planning; housing; coastal zone management; permitting; regulatory enforcement; coastal recreation, including boating and annual Harborpark day; transportation.

Services: Information and publications.

Fees: call for publication prices and availability

Mewsletter: "Harborpark update", 4/year, free

Contacts: Peggy Griffin, Community Relations Specialist

Nancy Harding, Administrative Assistant

11 BOSTON SHIPPING ASSOCIATION, INC. 223 Lewis Wharf Boston, MA 02110

Phone: (617) 523-3762

Hours: 9-5 Monday-Friday

Objectives:

To promote friendly, harmonious relations between shipowners, agents, brokers, forwarders and all with maritime interests in the Boston area and assist Government and private agencies in promoting and increasing Massachusetts' maritime trade.

Specialities: Shipping, Boston Harbor, labor relations.

Services:

Publication and distribution of the "Port of Boston Handbook" (\$3.00).

Contacts: Capt. Robert Calder, Executive Director
Alfred E. Frizelle, Hanager and Contract Administrator

12
BUZZARDS BAY PROJECT
c/o Hassachusetts. EGEA
100 Cambridge Street
Boston, HA 02202

Phones: (617) 727-9530 (answered at Mass. EOEA) and (617) 565-3514 (EPA Bays Project)

Objectives:

To research and monitor water quality in Buzzards Bay for resource management purposes. Buzzards Bay was chosen for study as a heavy-use bay showing signs of deterioration. Funded by EPA and Hassachusetts Executive Office of Environmental Affairs (EOEA).

Services: Information and publications.

Fees: call for publication prices and availability

Mewsletter: "Harborpark update", 4/year, free

Contacts: Peggy Griffin, Community Relations Specialist

Nancy Harding, Administrative Assistant

11 BOSTON SHIPPING ASSOCIATION, INC. 223 Lewis Wharf Boston, MA 02110

Phone: (617) 523-3762

Bours: 9-5 Monday-Friday

Objectives:

To promote friendly, harmonious relations between shipowners, agents, brokers, forwarders and all with maritime interests in the Boston area and assist Government and private agencies in promoting and increasing Massachusetts' maritime trade.

Specialities: Shipping, Boston Harbor, labor relations.

Services:

Publication and distribution of the "Port of Boston Handbook" (93.00).

Contacts: Capt. Robert Calder, Executive Director Alfred E. Frizelle, Manager and Contract Administrator

12 BUZZARDS BAY PROJECT c/o Massachusetts. EOEA 100 Cambridge Street Boston, MA 02202

Phones: (617) 727-9530 (answered at Mass. EOEA)

(617) 565-3514 (EPA Bays Project) and

Objectives:

To research and monitor water quality in Buzzards Bay for resource management purposes. Buzzards Bay was chosen for study as a heavy-use bay showing signs of deterioration. Funded by EPA and Massachusetts Executive Office of Environmental Affairs (EOEA).

Specialities:

Buzzards Bay water and environmental quality, including bacteria, nutrients, and toxic substances in organisms, sediments and water.

Services:

Disseminating or generating information needed to advise and informational governments' decision-making and initiate regulations and by-laws. Citizens should contact Citizens Advisory Committee c/o Lloyd Center for Environmental Studies for information.

Newsletter: "Buzzards Bay Project Newsletter", 4/year, free

Contacts: Bruce Tripp, Project Coordinator Wendy Wiltse, Program Hanager at EPA

13 CAPE ANN CHARBER OF CONKERCE 128 Main Street Gloucester, NA 01930

Phones: (617) 283-1601 and (617) 283-1602

Hours: 8:30-5 Monday-Friday plus answering machine after hours

Objectives:

To improve the business climate of Cape Ann via various programs and activities of the Chamber divisions and committees.

Specialities:

Cape Ann and all endeavors relating to the world of connerce.

Services:

General information on community activities and legislative services for the public; special programs and activities for Chamber members.

Fees: Cape Ann map 25 cents; membership \$175 and up

Newsletter: "Soundings", 12/year, free to members

Contacts: Michael Costello, Executive Director

Polly Tomer, Office Namager

14
CAPE ANN EISTORICAL ASSOCIATION
27 Pleasant Street
Gloucester, MA 01930

Phone: (617) 283-0455 (answered 9:00-5:00)

Hours: 10:00-5:00

Objectives:

To foster an appreciation of the quality and diversity of life on Cape Ann; to further the knowledge and enjoyment of history in art; to collect and preserve significant information and artifacts and encourage community involvement with the Association.

Specialities:

Fisheries and maritime collections; research library focusing on history of Gloucester's industry during period 1840-1930. Fitz Hugh Lane (1804-1865) marinescape oil paintings. Overall history of the Cape Ann area. Changing exhibits on local topics.

Services:

Research assistance in library. Films, lectures and educational programs. Hands-on demonstrations. Gallery talks.

Fees: Museum \$1-\$2; children and members free

Newsletter: "Quarterly Newsletter", free to members

Contacts: Martha Oaks, Curator

Ellen Story, Administrator

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CAPE COD CHAMBER OF COMMERCE Eyannis, HA 02601

Street address:

At the junction of Routes 6 and 132

Phone: (617) 362-3225

Hours: 8:30-5:00 Mon-Fri; July-August: until 6, plus Sat-Sun 10-4

Objectives: To promote Cape Cod business.

Specialities: Marketing, business promotion and tourist information.

We are an information resource and able to direct people to appropriate agencies.

Fees: vary

Contact: Michael J, Frucci, Executive Secretary

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CAPS COD COMMUNITY COLLEGE Office of Continuing Education Route 132

West Barnstable, MA 02668

Phone: (617) 632-2131

Hours: 8:30-9:45 Monday-Thursday, 8:30-4:30 Fridays

Objectives:

To provide life-long educational opportunities for Massachusetts citizens, especially residents of the Cape, Islands, and Southeastern region.

Specialities:

Coastel management and planning, natural habitats, biology.

Services:

Associate level degree and speciality certificate programs, continuing education and community service courses; seminars and conferences.

Pees: vary

Contacts: Peter Birkel, Dean of Continuing Education Susan Kline-Symington, Director of Admissions

17 CAPE COD EXTENSION SERVICE Deeds & Probate Building Barnstable, MA 02630

Phone: [617] 362-2511 ext.585 (answered 8:00-4:30)

Hours: 8:30-4:30

Objectives:

Public education on marine resource issues; information transfer to

user groups.

Specialities:

Shellfish; aquaculture; water quality; coastal erosion; wetlands.

Services:

Advisory services; technical assistance; lectures, conferences, workshops, publications, University-based research services.

Fees: Conference registration fees only

Newsletter: "Marine News", 6/year, free

Contact: Karl Rask, Regional Marine Resources Specialist

CAPE COD MUSEUM OF NATURAL HISTORY, INC.

Draver R Route 51

Brewster, MA 02631

Phones: (617) 896-3867 (answered or recording)

(617) 896-5588 and

Hours: Summer: 10-5 Mon-Sat, 12-30-5 Sun; Winter: 10-4:30 Tu-Sat

Objectives:

To foster an awareness of the Cape's environment and natural history and provide educational materials and curriculum aids in the natural sciences.

Specialities:

Harine and coastal environment, natural history, conservation.

Classes, field programs, lectures for children and adults, 5000 book reference library. Publishes the "Cape Naturalist", bi-monthly newsletter and "Educators' Newsletter". Whale trips. The oceanography program includes a collecting trip in Cape Cod Bay.

Fees: Membership \$15-\$20

Newsletter: "High Tidings", 6/year, free to members

Contacts: Barbara S. Waters, Director

Betty Miller, Administrative Assistant

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CAPE COD PLANNING AND ECONOMIC DEVELOPMENT COMMISSION BARNSTABLE COUNTY
First District Courthouse
Barnstable, MA 02630

Phone: (617) 362-2511

Rours: 8:30-4:30 Monday-Friday

Objectives:

To provide information and assistance to all Cape Cod towns about land use planning, coastal planning, economic development, water quality and transportation planning.

Specialities:

Coastal planning and all aspects of regional planning; close contacts with local conservation coasissions, planning boards and natural resource departments in 15 Cape Cod towns.

Services:

Educational materials and services; market and economic information; legal and environmental information and regulatory enforcement services,

Contacts: Armando Carbonell, Executive Director David Sall, Senior Regional Planner

CAPE COD REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL

Maritime Occupation Program

Pleasant Lake Avenue 02645 Harwich, MA

Phone: (617) 432-4500

Hours: 8:30-2:30 by appointment

Objectives:

To acquaint local young people at the secondary school level with the "facts of life" in the marine field.

Specialities:

Commercial and sports fisheries; aquaculture; marine and coastal environments; marine industry; marine and coastal information.

Services:

Technical and educational information and services: environmental information; regulatory enforcement.

Contacts: Dana Eldridge, Chief Teacher Michael Stello, Assistant Teacher

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CAPE COD SEA CAMPS CENTERS FOR LEARNING AND LIVING Brewster, MA 02631

Phones: (617) 896-3451 (answered 9:00-5:00)

(617) 896-6023 and

Rours: By appointment

Objectives:

To provide schools and organizations with lodging and food services for the observation and study of the environments and habitats of Cape Cod.

Specialities:

Marine and coastal recreation; marine and coastal environments; natural history.

Services:

Educational materials, information and services; off-season group accommodations, whale watch information.

Contact: James Richardson, Group Coordinator

CENTER FOR COASTAL STUDIES 59 Commercial Street P.O. Box 826 Provincetown, MA 02657

Phone: (617) 487-3622

Hours: 9:00-5:00 Monday-Friday

Objectives:

To advance research and education in the coastal environment; to foster understanding and awareness of the complexities of coastal processes and systems, to improve acceptance of underutilized fish species.

Specialities:

Cetacean Research Program; coastal science, education, research and planning; fisheries education.

Services:

By arrangement: multi-media presentations on whales and special programs on coastal environmental science (field trips, briefings, lectures, film presentations). Graduate and undergraduate academic credits; internship program; field station for research.

Foos: YETY

Hewsletter: "Hembers Hewsletter", 6/year, free to members

Contacts: Joan Wall, Administrative Assistant Charles Westcott, Business Manager

23 CHILDREN'S MUSEUM, INC. 276 Gulf Road South Bartmouth, Na 02748

Phone: (617) 993-3361

Bours: 10:00-5:00 Tuesday-Saturday, 1:00-5:00 Sunday

Objectives:

To stimulate in children an interest in the arts, natural sciences and human relations.

Specialities: Natural history; marine education.

Limited marine manual artifacts for study and education. Collection of shells. Occasional courses, workshops, programs on marine topics.

Newsletter: "Children's Museum", 4/year, free to members

Contacts: Edith de Hello, Director

Robert Bailey, School Program Coordinator

24 CONSERVATION LAW FOUNDATION OF NEW ENGLAND, INC. 3 Joy Street 02108 Boston, MA

Phone: (617) 742-2540

Hours: 9:00-5:00 Monday-Friday

Objectives:

To preserve and enhance the natural resources of New England through legal processes. A non-profit environmental law firm.

Specialities:

Coastal resource protection; safety and standards, marine and coastal permitting, conservation, coastal environment planning.

Services:

Legal and environmental information and counselling and regulatory enforcement; administrative intervention, litigation.

Fees; membership \$25 per year

Contact: Emily Bateson, Programs Director

25 COOLIDGE CENTER FOR ENVIRONMENTAL LEADERSHIP 1675 Kassachusetts Avenue, #4 Cambridge, MA 02138-1836

Phone: (617) 864-5085 (answered or recording)

Hours: 9:30-5:30 Monday-Friday

Objectives:

To increase understanding of environment and development issues among graduate students, especially foreign, in the New England/New York region. To promote these activities in existing programs elsewhere. To develop our in-house resource library.

Specialities: Sustainable development and appropriate technology.

Services:

We provide seminar/retreats on sustainable development for foreign graduate students. Library open to the public. We support faculty in other universities and colleges developing environmental programs and help sponsor local, small-scale talks, etc.

Fees: Admission fees

Newsletter: "Coolidge Bulletin", 4/year, free

Contacts: Bruce J. Stedman, Executive Director Program Coordinator

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CRUISING INFORMATION CENTER, INC. PEABODY MUSEUM

East India Square Salem, MA 01970

Phone: (617) 745-1840

Hours: By appointment

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Objectives:
To assist yachtsmen in planning cruises from short vacation cruises to circumnavigations.

Specialities: Marine and coastal recreation, boating.

Services: Information.

Fees: Vary based on time taken to get information

Contact: Roger H. Hallowell, Executive Director

DUCKS UNLIMITED, INC.

1 Siblev Street

Grafton, MA 01519

Phone: (617) 839-3755

10101 (01), 003 3:03

Hours: 9:00-noon Monday-Friday

Objectives:

To raise money for developing, preserving, restoring and maintaining waterfowl habitat on the North American Continent.

Specialities: Wetlands, waterfowl habitat.

Services: Environmental information, brochures, pamphlets.

Newsletter: "Ducks Unlimited News", 2/year, free to members

Contact: Colton H. Bridges, New England Regional Supervisor

28
ENVIRONMENTAL LOBBY OF MASSACHUSETTS

3 Joy Street Boston, MA 02108

Phone: (617) 742-2553

Mours: 8:30-5:00

Objectives:

To promote sound environmental legislation. Formerly called the

Massachusetts Forest and Park Association.

Specialities:
Lobbying for sound environmental policies and legislative action.

ing for sound environmental policies and legislative action.

Services: Legislative information.

Fees: Membership \$15 and up

Newsletter: "Environmental Legislative Bulletin", 6/year, free to members

Contacts: Kelly McClintock, Executive Director
Judy Shope, Director of Lobbying

29
RSSEX CONSERVATION DISTRICT
562 Haple Street
Wathorne, MA 01937

Phone: (617) 774-5578

Objectives:

To conduct surveys and investigations relating to the conservation and development of natural resources: prevention and control of soil erosion and erosion, floodwater and sediment damages and conservation, development, utilization and disposal of water.

Specialities:

Conservation, soil surveys, management plans, natural resource inventories.

Services:

Technical information, brochures and pamphlets. Tree seedling sale.

Contact: Eathy Boudreau, Administrative Assistant

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ESSEX EISTORICAL SOCIETY
ESSEX SHIPBUILDING MUSEUM
P.O. Box 277
Essex, MA 01929

Street address: 28 Main Street

Phones: (617) 768-7541 and (617) 768-7955 (President's home)

Hours: 1-5 Thurs-Fri, 12-5 Sat-Sun. Closed Nov 15-May 15

Objectives:

Conservation and education of the public in the history, methods, tools, designs, and models of the vessels built in Essex since 1630, numbering 4,000 ships.

Specialities: Shipbuilding history, tools, plans, models.

Services: Exhibits, lectures, educational programs, publications.

Newsletter: "Essex Historical Society: Announcement sheet", 6/year, fre

Contacts: Dama Story, President, Essex Historical Society John Cushing, Treasurer, Essex Shipbuilding Museum FRIENDS OF BELLE ISLE MARSH P.O. Box 575 East Boston, MA 02128

Objectives:

Protection of Belle Isle Marsh. The education of public and government officials regarding the value of Belle Isle Marsh and of wetlands in general. Conservation of wetland resources at Belle Isle. Research into resources and health of Belle Isle.

Specialities:

We have persons very knowledgeable in: birds, salt marsh ecology and plants, and insects.

Services: We provide regular field trips and informal seminars.

Fees: No charge for activities

Mewsletter: "Belle Isle News", 4/year, free to members

Contacts: Gail Miller, President Soheil Zendeh, Secretary

FRIENDS OF THE BOSTON HARBOR ISLANDS, INC. P.O. Box 9025 Boston, MA 02114

Street address:

19 Myrtle at Joy Street Beacon Hill, Boston

Phone: (617) 523-8386 (answered or recording)

Hours: By appointment

Objectives:

To provide assistance to the Greater Boston Community and Boston Harbor Island State Park through interpretive services and public volunteer programs like harbor clean-ups May through October.

Specialities: Boston Harbor Islands; citizen participation.

Organize exhibits and presentations on request; sponsor 1 or 2 lectures a year; off-season boat trips and Summer Sunset Series; sell the book "All about the Boston Harbor Islands", by Emily David Kales.

Fees: Fees for boat trips and book

Newsletter: 4/year, \$15

Contacts: Nancy Jeanne Martin, Coordinator of Volunteers & Member ship

George C. Marsh, President

33

FUND FOR MEW ENGLAND MEW ENGLAND NATURAL RESOURCES CENTER 108 Lincoln Street Boston, HA 02111

Phone: (617) 451-3670

Hours: 9:00-5:00 Monday-Friday

Objectives:

To stimulate the conservation and wise use of the region's natural resources: soil, water, plant and animal resources and associated human uses.

Specialities:

To encourage regional approaches to natural resource management datase environmental problems within New England and to support innovative projects that have regional significance or applicability.

Services:

Seed grants to not-for-profit organizations. Advice regarding other potential sources of funds.

Contact: William Eumn, Executive Director

34 GLOUCESTER FISHERIES COMMISSION

City Hall

Gloucester, NA 01930

Phone: (617) 283-0857

Hours: Irregular

Objectives:

The Commission, the only municipal fisheries commission in the state, is empowered to investigate and recommend measures for the promotion and protection of the Gloucester fishing industry.

Specialities:

Communication of all facets of the local fisheries industry and its developments.

Services: Regulatory information.

Contact: Anthony Verga, Executive Director

35 GLOUCESTER FISHERMEN'S MUSEUM Corner Roger & Porter Streets P.O. Box 159 01930 Gloucester. MA

Phone: (617) 283-1940

Hours: 10:00-4:00 Monday-Saturday, 12:00 Sundays

Objectives:

To show the history of the fishing industry in Gloucester from schooner days to the present through the use of photos, hands-on exhibits and movies.

Specialities: Maritime fisheries history.

Services:

Educational services include lectures, cruises and tours on fishing and the marine environment. Tours include the "Gloucester Adventure Tour", "Marsh Tour", "Fisherman"s World", "Oceanography Cruise" and "Whale Study Cruise". Group rates available.

Fees: Admission \$1-52

Contact: John L. Farrell, Director

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GLOGCESTER FIRMERNEN'S WIVES ASSOCIATION
3 Semport Avenue
Gloucester, MA 01930

Phones: (617) 281-0650 (answered at home)

and (617) 283-6536 (home)

Bours: 9:00-9:00 Monday-Friday

Objectives:

To promote the use of U.S. fish and fishery products and to lobby for the industry and its importance.

Specialities: U.S. Commercial Fishing Industry.

Services:

Communication/information on issues related to the fishing industry.

Fows: Membership \$3.00

Contects: Angela San Filippo, Premident Lena Movello, Treasurer

37 GREATER BOSTON CHAMBER OF CONNERCE 125 High Street Boston, NA 02110

Phone: (617) 426-1250

Hours: 9:00-5:00 Monday-Friday

Objectives:

To be a focal point for business activity; to work closely with city government, the state delegation to Washington and the community to foster an atmosphere of mutual trust and civility, in which the Soston Chamber of Commerce can be fully productive.

Specialities:

Industry and economic development, Boston Earbor development and Fort Point channel development, recreation.

Civic activities, such as the People Power Clean-up; Government Affairs Program; educational, vocational and summer-job information; information and referral for tourists.

Contacts: James Sullivan, President

Brian Gilmore, Director of Legislative Affairs

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GREENPEACE, MEV ENGLAND / GREENPEACE U.S.A. 139 Main Street Cambridge, NA 02142

Phone: (617) 576-1650

Hours: 9:00-5:00 Monday-Friday

Objectives:

Greenpeace is working to protect the natural environment worldwide taking an ecosystems approach. We use a variety of tactics notably "direct action") to influence environmental policy, legislatively, judicially, economically and politically.

Specialities:

Marine manuals; production and disposal of toxics; preserving Interctica from development.

Services: Whale watches; internships.

Fees: Whale watches \$16-\$22

Newsletter: "Greenpeace Examiner", 4/year

Contacts: Receptionist

Marc Osten, Director of Education Department

HARITAT INSTITUTE FOR THE ENVIRONMENT, INC.

10 Juniper Rd. Box 136 Belmont, MA 02178

Phone: (617) 489-5050

Bours: 9:00-5:00 Daily

Objectives: Education for adults and children.

Specialities: Natural history.

Services:

Field trips, courses, lectures. Grounds open to the public.

Newsletter: 4/year

Contact: Laurel Steinberg, Membership Director

40

MART NAUTICAL COLLECTIONS
NIT MUSEUM AND HISTORICAL COLLECTIONS
265 Massachusetts Avenue (Research area)
Cambridge, NA 02139

Street address:

77 Hassachusetts Avenue, NIT Building 5, 1st floor (Exhibition Galleries)

Phone: (617) 253-5942

Hours: Galleries: 9AM-10PM daily: Research area: by appointment

Objectives: To display ship and marine engineering development.

Specialities:

Maritime history, especially the history of naval architecture and shipbuilding.

Services: Exhibits and research collection.

Contact: John Arrison, Curator

41
HULL LIFESAVING MUSEUM
1117 Nantasket Avenue
P.O. Box 221
Hull. MA 02045

Phone: (617) 925-LIFE

Hours: Please call for various hours

Objectives:

To provide learning experiences concerning lifesaving and related topics, including Massachusetts Bay history, weather, communications, maritime skills, navigation, survival and resusitation.

Specialities:

Bistory of lifesaving in Boston Harbor, marine skills and experiential education, Rowing Association, Pt. Allerton Life-Saving Station.

Services:

School programs, slide lectures, children's discovery program in Summer, walking tours-on-tape, traditional pulling boat races, newsletter, gift shop, library, group tours anytime by appointment.

Fees: Admission \$1 or less

Newsletter: "Station log", free to members

Contacts: Judeth Wiers, Executive Director

Ed McCabe, Marine Skills Workshop Director

12
INTERSTATE PARTY BOAT ASSOCIATION
P.O. Box
Gloucester, MA 01930

Phone: (617) 283-6089

Hours: Irregular

Objectives:

To review and respond to administrative and legislative activity affecting the passanger vessel industry. A passenger fishing and sightseeing vessels association.

Specialities:

Boating, sports fisheries, and sightseeing, including whale watching.

Information concerning services and schedules offered by members and nation-wide trade objectives.

Contacts: Ray Gilmore, President Jerry Hill, Captain

43
EEMDALL WEALING MUSEUM
P.O. Box 297
Sharon, NA 02067-0297

Street address: 27 Everett Street

Phone: (617) 784-5642 (answered 9-5:00 Mon-Sat)

Hours: 1:00-5:00 Tuesday-Friday; 10:00-5:00 Saturdays

Objectives:

To collect, preserve and exhibit artworks, artifacts, documentation on the international whaling and seal-hunting industries and to disseminate information to about them to the scholarly community and the general public.

Specialities:

Marine prints and paintings (Dutch, British, Japanese and American), manuscripts, rare books, scrimshaw, Inuit (Eskimo) and South Sea implements and carvings, ship models and figureheads, whaling and sealing ephemera, natural history.

Services:

Exhibits, tours, technical demonstrations, monthly programs, films, see music programs, Speaker's bureau; publications, reference and referral; library for use of members; laboratory specimens to qualified institutions.

Fees: Admission \$1-\$2, under 5 free

Mewsletter: "KWN Newsletter", 4/year, free to members

Contacts: James A. Frazier, Assistant to the Director Judith Phillips, Office Manager

LEAGUE OF WOMEN VOTERS OF HASSACHUSETTS 8 Winter Street Boston, MA 02108

Phone: (617) 357-8380

Bours: 9:00-4:30 Monday-Friday

Objectives:

To foster education in citizenship and to support needed legislation; to stimulate public affairs activities, encourage interest in government and the nation's problems, and promote civil participation, especially registration and voting.

Specialities:

Matural resources; including land, water, air, solid waste and hazardous waste. Coastal issues such as land use. Human resources; equal opportunity in employment, housing, and education. Government improvement. Mational tax policy.

Services:

Voters services; referral; advocacy. Publications and conferences.

Fees: Conference registration fees

Mewsletter: "The Voter", 10/year, free to members

Contacts: Barbara Fegan, Coastal Specialist
Hatural Resources Director

45

LLOYD CENTER FOR ENVIRONMENTAL STUDIES 430 Potomska Road South Dartmouth, NA 02748

Phone: (617) 990-0505

Hours: Building: 9-5 Tues-Sun; Grounds: open 365 days per year

Objectives:

To provide educational programs; to promote, support and initiate research on coastal and estuarine ecosystems; and to monitor, manage and inventory these natural resources through extensive long-term research.

Specialities:

Salt marshes, tidal flats, barrier beaches, marine flats and coastal and marine ecosystems in general; monitoring and inventorying these coastal resources in the southeastern New England region.

Educational group programs for 1st grade through senior citizens, teacher workshops, interpretive trails, exhibits, Buzzards Bay observation deck and aquaria of estuarine organisms. Produces nursards Bay Project Citizens Advisory Committee Newsletter.

Fees: Admission is free; membership \$10 and up

Contact: Alan Lee Hankin, Executive Director

46 MANOMET BIRD OBSERVATORY P.O. Box 936 Hanomet, MA 02345

Phone: (617) 224-6521

Hours: 9:00-5:00 Monday-Friday

Objectives:

To anticipate potential conservation and wildlife problems and to gather the relevant baseline information BEFORE there is a crisis.

Specialities:

Research and education in environmental biology, using birds as indicators of environmental change; long-term studies of natural populations of plants, birds, and other animals especially shorebirds, seabirds, herons, and marine invertebrates.

Services:

Technical and environmental information and services; educational information and services; tours by appointment; occasional preliminary research reports.

Yees: Depend on services provided

Mewsletter: 4/year, free to members

Contact: Linda Leddy, Executive Director

MARIA MITCHBLL ASSOCIATION

Vestal Street

Nantucket, MA 02554

Phones: (617) 228-0898 (answered all day Jun-Sept)

and (617) 228-9198 (10-4 Jun-Sept)

Hours: 10:00-4:00 Tuesday-Saturday

Objectives:

Research and public education on Mantucket natural history and astronomy. To support scientific research through the library and reference collection. Conservation

Specialities:

Astronomical research on variable stars; Nantucket natural history: island ecology, botany, birdbanding, birdwatching, ornithology specimens, vertebrates, shells, and insects.

Services:

Museum exhibits; aquarium; herbarium; observatory open house; daily field trips in summer; classes for children; adult workshops; weekly lectures; free science library and reference collections; limited laboratory space.

Fees: Admission \$1-\$2

Newsletter: "Annual Report", free to members

Contacts: Virginia Kinney, Executive Secretary

William T. Maple, Watural Sciences Director (Summer only)

48

MARINE BIOLOGICAL LABORATORY PUBLIC INFORMATION Woods Hole, NA 02543

Street address: Water Street

Phone: (617) 548-3705 ext.423 (answered 8-5 Mon-Fri)

Hours: Inquiries by letter or appointment

Objectives:

To provide facilities for education and research in fundamental and marine biology from a wide range of perspectives.

Specialities:

Cell and developmental biology, neurobiology, marine biomedicine and ecology.

Services:

Teaching and research; world-teknowned library of marine biology, biomedicine and marine science-related journals and books; public tours in summer; "MBL Day" open house in August; lectures and symposia. Publishes "MBL Science" and "Collecting net".

Fees: Associates dues \$50 per year

Newsletter: "Collecting Net", 6/year, free

Contacts: George Liles, Public Information Director Christine Pauk, Public Information Associate

49
HARINE EDUCATION ASSOCIATION OF THE NORTH SHORE, INC.
13 Stewart Street
West Newbury, MA 01985

Phone: (617) 363-5723 (answered 9-4 Hon-Fri)

Hours: by arrangement

Objectives:

To provide students with marine-oriented laboratory and field experience; assist teachers in the development of broad concepts related to the marine environment; and develop an appreciation of the vocational and avocational aspects of marine science.

Specialities: Marine education.

Services:

Educational programs for schools; classroom demonstrations; tours and museums; field trips; slide programs; lectures.

Pees: \$75 per program

Contacts: Robert Knights, Program Director Joseph J. Balsama, President

MARTHA'S VINEYARD COMMISSION P.O. Box 1447 Oak Bluffs, MA 02557

Phone: (617) 693-3453

Hours: 9:00-5:00 Monday-Friday

Objectives:

To preserve and protect the unique natural, scientific and cultural values of Martha's Vineyard; to promote sound economies of local

towns.

Specialities:

Planning and advice related to land use, economic development and water quality; coastal zone management; technical reviews; general planning.

Services:

Technical assistance to member towns; advice and guidance; graphic presentation and cartography.

Newsletter: 4/year

Contact: Charles W. Clifford. Executive Director

51

MARTHA'S VINEYARD SHELLFISH GROUP P.O. Box 1552 Oak Bluffs, MA 02557

Phone: (617) 693-0391

Hours: By appointment

Objectives:

To develop long-range shellfish management plans for commercially important species on Martha's Vineyard.

Specialities: Aquaculture, shellfisheries, hatcheries.

Services:

Technical services, site visits and lectures; developing field and hatchery methods for the culture of quahogs and bay scallops; operating a solar-assisted shellfish batchery.

Contact: Richard C. Karney, Marine Biologist

MASSACHUSETTS AQUACULTURE ASSOCIATION P.O. Box 154

West Yarmouth, MA 02673

Street address:

c/o Cape Cod Extension Service Deeds and Probate Building, Barnstable

Phone: (617) 362-2511 ext.204 (answered 8:00-4:30)

Objectives:

To promote aquaculture and to improve the potential for aquaculture production in Massachusetts.

Specialities:

Aquaculture, especially of shellfish and trout; water quality.

Services:

Educational services about aquaculture, advisory and referral services, information exchange and technical assistance for growers. Lectures and exhibits upon request.

Fees: free to the public

Contact: Earl Rask, Regional Marine Resource Specialist

53

HASSACHUSETTS ASSOCIATION OF CONSERVATION COMMISSIONS LINCOLN FILENE CENTER Tufts University Nedford, HA 02155

Phone: (617) 381-3457

Hours: 9:00-5:00

Objectives:

To help municipal conservation commissions and interested citizens preserve and protect community natural resources.

Specialities:

Wetlands protection; watershed resource protection; open space preservation and management; local action to protect community natural resources.

Question and answer hotline; non-credit workshops and conferences; extensive list of publications, videos and slides for sale or loan; speakers bureau; legal, procedural, technical assistance; legal representation and action.

Fees: for cost-recovery only

Newsletter: "MACC Newsletter", 8/year, free to members

Contact: Executive Director

54
MASSACHUSETTS AUDUBON SOCIETY
HEADQUARTERS
South Great Road
Lincoln, NA 01773

Phone: (617) 259-9500

Bours: 9:00-5:00 Monday-Friday

Objectives:

To further conservation, education and research in the areas of water resources, ecosystem conservation and energy transition.

Specialities:

Conservation and natural history, wetlands protection, energy.

Services:

Educational, technical and environmental information; coastal policy analysis; audio-visual materials and publications; Coastal Education Centers in Wellfleet, Marshfield, Wenham, Martha's Vineyard, Falmouth; Resource Centers in Gloucester and Boston.

Hewsletter: "Sanctuary", 10/year, free to members

Contact: Douglas Fine, Public Information Officer

HASSACHUSETTS AUDUBON SOCIETY RESOURCES FOR THE NORTH SHORE 159 Main Street Gloucester, NA 01930

Phone: (617) 283-0598 (answered 9-5 or recording)

Hours: 9:00-5:00

Objectives:

To assist North Shore communities and individuals in making wise decisions for the protection of the coastal environment through education and technical assistance.

Specialities:

Coastal water quality; wastewater treatment; shellfish management; salt marsh mosquito control; dune restoration and protection, open space management; coastal water quality monitoring.

Services:

Research, technical assistance; publications, including "Clean coastal water", "The costs of shellfish pollution", "The mosquito, the salt march and you", "First aid for damaged beaches".

Newsletter: "Shoreline", 4/year, Free

Contact: Richard K. Quateman, Director

56
HASSACHUSETTS AUDUBON SOCIETY
SOUTH SHORE REGIONAL CENTER
2000 Main Street
Marshfield, NA 02050

Phone: (617) \$37-9400

Hours: 9-3:00 Mon-Sat; Grounds: Summer 8-7:00, Winter 8-5:00

Objectives: Conservation, education, research.

Specialities:

Education at levels 1-4; energy; birds; natural history.

Services: Library; natural history outings; courses and lectures.

Fees: vary

Newsletter: 4/year, free to members

Contacte: Dianne Lexton, Office Hanager

David Clapp, Director

57
MASSACHUSETTS AUDUBON SOCIETY
WELLFLEET BAY WILDLIFE SANCTUARY
P.O. Box 236
South Wellfleet, NA 02663

Street address:

off West Road in South Wellfleet

Phone: (617) 349-2615

Objectives:

To interpret and introduce the public to the Cape's natural history. To preserve the biological and geological resources of our portion of the Wellfleet Bay ecosystem.

Specialities:

Marine ecology, Cape Cod birdlife, environmental education, coastal research. Camp ground (29 sites); vacation cottages; will do programs throughout Cape Cod.

Services:

Mature classes for adults and children; childrens' number camp; research projects; lectures; Nonomoy Island natural history tours; Nausst Harsh cruises; Wellfleet Harbor bird cruises, seal cruises, canoe trips, bird-banding demonstrations, nature hikes.

Poes: vary

Meweletter: 4/year

Contacts: Robert Prescott, Director

John Jacques, Program Coordinator

MASSACHUSETTS BAY HARINE STUDIES CONSORTIUM P.O. Box 110

Cambridge, HA 02142

Phones: (617) 253-7090 and (617) 492-5796

Hours: 9:00-5:00 Monday-Friday

Objectives:

To serve as a clearing house, promoting cooperation and coordination amongst a large membership of diverse and independent institutions. To promote education and debate on current and anticipated marine issues.

Specialities:

Marine education at the undergraduate level; continuing/adult education; education for the general public; interinstitutional cooperation.

Services:

Fully-accredited courses that bring together academic expertise and "real world" problems; lectures and symposia, serving as a bridge for all who care about the ocean, on campus, business, government or public; workshops; guest speakers; consultants.

Contact: Jay R. Kaufman, Executive Director

59

HASSACHUSETTS BEACH BUGGY ASSOCIATION, INC. 79 Dumbar Street Camton, NA 02021

Phones: (617) 832-9648 (answered days) and (617) 248-3367 (evenings)

Objectives:

To conserve and preserve our beaches and beach access rights for future generations of beach buggy sport fishing families.

Specialities:

Beach and dune conservation, beach rules and regulations, and beach recreation.

Working with local, state and fede erosion control systems to protect clean-ups; sponsoring Legislative rights of access.

Fees: Memberships \$3-\$22

Newsletter: "published in Mass. Wildl

Contacts: Linda Widberg, Membership S-Roger Fournier, President

60
MASSACHUSETTS CENTERS OF EXCELLENCE COMMARINE SCIENCE CENTER
One Ashburton Place, Room 2110
Boston, NA 02108

Phones: (617) 727-7430 and (617) 7.

Hours: 9:00-5:00 Monday-Friday

Objectives:

The Massachusetts Centers of Excell promote and encourage technologies of the Massachusetts economy. Marii areas specified in its charter.

Specialities:

Economic applications of marine sc: marine electronics, marine resource water quality.

Services: Grants for research.

Contact: Gary Glenn, Project Director,

HASSACHUSETTS COASTAL ZONE HANAGEMENT OFFICE (HCZH) EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS Saltonstall State Office Building Room 2006 100 Cambridge Street Boston, NA 02202

Phone: (617) 727-9530 (answered 9:00-5:00)

Hours: 9:00-4:30 by appointment

Objectives:

To implement the approved Massachusetts Coastal Zone Management Program which consists of 27 policies concerned with coastal land and water management, port and harbor development, water quality, recreation, public access, coastal development, etc.

Specialities:

Marine and coastal environments, port and harbor development, marine and coastal recreation, coastal permitting, federal consistency review, commercial and sport fisheries, coastal planning and coastal hazards.

Services:

Information and technical assistance on biology, geology and planning; permit advisory service; regulatory information; publications; conferences; speakers bureau; lease audio-visual material. Manage Coastal Facilities Improvement Community Grants.

Pees: Most services free of charge

Newsletter: "Coastlines", 12/year, free

Contact: Elisabeth Tayntor, Public Education Specialist

62

HASSACHUSETTS DEPARTMENT OF EMVIRONMENTAL QUALITY ENGINEERING (DEQE) Public Information Office 1 Winter Street, 10th floor Boston, NA 02108

Phone: (617) 292-5515

Hours: \$:00-5:00

Objectives:

To develop, administer and enforce programs which regulate environmental quality in the Commonwealth. DEQE is part of the Hassachusetts Executive Office for Environmental Affairs.

Specialities:

Environmental quality of air, surface water and groundwater, wetlands; bazardous waste; Red Tide and Paralytic Shellfish Poisoning.

Services: Research and public information.

Fees: some fees for rules and regulations

Newsletter: "Profile", 12/year, free

Contact: Alice Kaufman, Public Affairs Director

63

MASSACHUSETTS DEPARTMENT OF FISHERIES, WILDLIFE AND ENVIRONMENTAL LAW ENFORCEMENT
100 Cambridge Street, Room 2108
Boston, MA 02202

Phones: (617) 727-3190 and (617) 727-0882 (recording)

Hours: 9:00-5:00 Monday-Friday

Objectives:

To protect of public health and mafety; insure public compliance of management regulations designed to protect the environment; register and maintain records of all boats and recreational vehicles.

Specialities:

Environmental law enforcement; hunter safety and education; boating and recreational vehicle safety and education; bazardous waste; boating theft.

Services:

Boating safety education, hunter safety education, recreational vehicle safety education, educational lectures on divisional responsibilities.

Contacts: Sam Ameen, Chief Coastal Enforcement Willis Collyer, Deputy Chief Coastal Enforcement

NASSACRUSETTS DEPARTMENT OF FISHERIES, WILDLIFE AND ENVIRONMENTAL LAW ENFORCEMENT. DIVISION OF FISHERIES AND WILDLIFE Field headquarters Westboro, NA 01581

Phones: (617) 366-4479 and (617) 366-4470

Rours: 8-4:30 Monday-Friday

Objectives:

To conserve and manage the Commonwealth's fish and wildlife resources.

Specialities:

Sport fisheries, freshwater and anadromous; wildlife research and management, including coastal species; restoration of endangered species.

Services:

Advisory services for fish and wildlife questions and problems: in-house library of journals and books for public on-site use; materials and programs for teachers; free or low-cost publications and News from NDFW (Press releases).

Fees: Press releases, \$8.80 per year.

Newsletter: "Massachusetts Wildlife", 4/year, \$6

Contacts: Ellie Morwitz, Chief, Information and Education

Peter Mirick, Information Specialist

65

HASSACHUSETTS DEPARTMENT OF PUBLIC HEALTH DIVISION OF FOOD AND DRUGS JOS South Street Janaica Plain, NA 02130

Phones: (617) 727-2670 and (617) 522-3700 (After hours)

Hours: 9:00-5:00

Objectives:

To set standards, tolerances and action levels for food contaminants to protect public health.

Specialities:

Contamination, adulteration and misbranding of fish and shellfish, as well as other foods.

Services: Advisories.

Newsletter: "Food and Drug Reporter", 4/year, free

Contacts: Nancy Ridley

Richard Waskiewicz

66

MASSACHUSETTS DIVISION OF MARINE FISHERIES (CENTRAL OFFICE) Leverett Saltonstall Building 100 Cambridge Street Boston, MA 02202

Phone: (617) 727-3193

Bours: 8:45-5:00 Monday-Friday

Objectives:

To manage and conserve the living marine resources of Massachusetts and promote the commercial and recreational industries which they support.

Specialities:

Regulation and management of commercial and recreational marine fisheries, shellfisheries, and aquaculture; promotion and advocacy of the Massachusetts seafood industry; protection of living marine resources.

Services:

Licensing fishermen and dealers; regulatory enforcement through the Division of Law Enforcement; conducting applied marine research; technical, educational, legal, and environmental information and analytic services.

Contacts: Terry O'Hara, Seafood Marketing Specialist Arne Carr, Fisheries Technology Specialist

MASSACRUSETTS DIVISION OF MARINE PISHERIES CAT COVE MARINE LABORATORY 92 Fort Avenue Salea, MA 01970

Phones: (617) 745-3113 and (617) 745-3107

Bours: \$:00-4:00

Objectives:

Research and management of commercial and recreational fisheries. Establishing base-line data on marine environmental contaminants. Collection and dissemination of fisheries statistics.

Specialities:

Atlantic selmon restoration; striped bass population studies; environmental contaminant analysis; northern shrimp fisheries management; fisheries statistics; fish ageing.

Services:

Provide selected fishery statistics; use of library; information and advisory services on wide variety of marine fisheries and sarine environmental matters.

Contact: Charles Anderson, Senior Marine Fisheries Biologist

62

HASSACHUSETTS DIVISION OF MARINE FISHERIES STATE LOBSTER HATCHERY AND RESEARCH STATION Vineyard Haven, MA 02568

Street address: Shirley Avenue Oak Bluffs MA 02557

Phone: (617) 693-0060 (answered 7:00-4:00 H-F)

Sours: June-August: 9-12 and 1-3 weekdays; Winter; by appointment

Objectives:

To conduct research on lobsters in order to better manage the fishery. To develop better methods of growing larval, juvenile and adult stage lobsters. To stock bottom-crawling stage lobsters in the coastal waters of Massachusetts.

Specialities:

The life-cycle of the lobster studied in cooperation with medical researchers, utilizing various stages of the lobster for comparative study. Batching and rearing lobsters for liberation

Research information for the lobster industry, including lobster-culture and support systems for reducing mortality and optimizing growth.

Contact: Michael Syslo, Station Director

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MASSACHUSETTS DIVISION OF WETLANDS AND WATERWAYS DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING One Winter Street
Boston, NA 02108

Phones: (617) 292-5695 and (617) 292-5518 (8:30-4:00)

Hours: 8:45-5:00

Objectives:

To regulate activities in or near wetlands and floodplains; enforce environmental regulations; educate municipal decision-makers and develop public policy on land development.

Specialities:

Wetlands management; floodplain management; environmental regulation; waterfront development.

Services:

To serve as trustee of public submerged lands; to provide technical assistance in the form of publications, education programs and regulatory advisory services.

Newsletter: "Wetlands Report", 4/year, Free

Contacts: Mary Smith, Administrative Assistant

DEQE, Public Affairs Director

NASSACHUSETTS EXECUTIVE OFFICE OF TRANSPORTATION AND CONSTRUCTION (WATER-BASED)
10 Park Plaza Room 3510
Boston, Ha 02116-1969

Phone: (617) 973-7000

Hours: 8:45-5:00

Objectives:

Public service goal is transportation by boat for commuting, business, airport connections, and recreation.

Specialities:

Commuter transportation from South Shore to Downtown Boston and Logan Airport.

Services:

Advice on travel opportunities by boat; state program relative to same; referral to other private or public entities; use of transportation library; route maps and schedules.

Contacts: Cecile Papazian, Harine Transit Program Hanager Ann Hershfang, Undersecretary

71
MASSACHUSETTS HARBORNASTERS ASSOCIATION
c/o Captain Bob Francis, Scituate Harbor Haster
Town Pier
Scituate, Ma 02060

Phone: (617) 545-2130

Rours: Inquiries by letter preferred

Objectives: Effective coastal harbor management.

Specialities:

Commercial and sports fisheries, shellfisheries, boating, coastal and marine environments, coastal planning and permitting, local oil-spill clean-up coordination, marine and coastal recreation.

Services: Regulatory enforcement.

Contact: Bob Francis, President and Scituate Harbornaster

72
MASSACHUSETTS INSHORE DRAGGERHEN'S ASSOCIATION
460 Main Street
Marshfield. MA 02050

Phone: (617) 837-5159

Hours: Flexible

Objectives:

To establish cooperation among various segments of the industry, to work for favored legislation, to encourage good conservation measures and to improve conditions of the fisheries.

Specialities: Commercial fisheries.

Services:

Educational and environmental information; regulatory enforcement.

Newsletter: "MIDA Newsletter", 8/year

Contact: Daniel Arnold, Executive Director

73
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SEA GRANT INFORMATION CENTER
Building E38-306
292 Main Street (Kendall Square)
Cambridge, NA 02142

Phones: (617) 253-5944 (answered Mon, Wed, Thurs)

and (617) 253-7041 (Monday-Friday)

Hours: Information Center is open 9:00-5:00 Monday-Friday

Objectives:

To collect and disseminate MIT Sea Grant research results to potential user groups and encourage applications of our research results to current marine and coastal problems.

Specialities:

Research on ocean waste disposal, estuarine and coastal water modeling, oil spill modelling, Boston Harbor, Red Tide, biotechnology, nutritional aspects of fish oil, ocean engineering, especially trawl gear, offshore structures and underwater vehicles.

Information and/or referral. Non-circulating collection of reports and journals open to the public, including fisheries and aquaculture reports from other Sea Grant Programs and PAO. Free guides: Marine-related research at MIT and the Citizen's guide.

Memsletter: "Quarterly report", free

Contact: Susan Stolz Goldie, Librarian and Information Specialist

74
MASSACHUSETTS LOBSTERNEN'S ASSOCIATION
8 Otis Place Box 9101
Scituate, Ma 02066-6984

Phone: (617) 545-6984

Hours: 8:00-5:00 plus answering machine after hours

Objectives:

To protect and foster the species through sensible harvesting and conservation methods, strengthen law enforcement, promote understanding and cooperation among lobstermen, and provide a forum for information exchange among members.

Specialities;

Lobster fisheries, commercial fisheries, law enforcement and conservation.

Services:

Technical consulting, legal information, limited market and economic information, boat-health-disability-life insurance cooperative for members.

Fees: Hembership \$75 per year

Newsletter: "MLA newsletter", 12/year, free

Contact: Roy D. Tate, Executive Director

75
MASSACHUSETTS MARINE EDUCATORS
P.O. Box 241
Newtonville, MA 02160

Phones: (617) 332-9360 and (617) 773-6350 ext.2 (9:00-5:00)

Objectives:

To promote awareness of the ocean world by integrating marine curriculum materials into existing curricula. MME works with teachers, schools and educational organizations.

Specialities: All topics related to education in marine subjects.

Services:

Variety of educational programs and services: monthly seminars; workshops; annual marine science conference; high school symposium and contest; annual whale watch; curriculum packets; advisory services to marine educational programs; library.

Mewsletter: "Flotsam and Jetsam", 10/year, free to members

Contacts: Barbara Passero, Executive Director and Editor Philip McLaren, Biology Dept. Eastern Nazarene College

76
MASSACHUSETTS HARITIME ACADEMY
MARINE FISHERIES EDUCATION AND TRAINING PROGRAM
Buzzards Bay, NA 02532

Phone: (617) 759-5761

Hours: 9:00-5:00 Monday-Friday

Objectives:

Education and research. NHA is sponsored in part by the MIT Sea Grant College Program.

Specialities: Commercial fishing, sport fishing, and oceanography.

Services:

Courses; lectures; conferences; summer programs; field trips; advisory services; reference, referral and library services.

Fees: low or no fee

Contact: David L. Kan, Director

MASSACHUSETTS PORT AUTHORITY. HASSPORT LIBRARY Transportation Building 10 Park Plana Boston, NA 02116

Phones: (617) 973-5757 (answered by Public Rel.)

and (617) 973-5650 (Library)

Hours: 9:00-5:00 Honday-Friday

Objectives:

To administer Boston's airport, seaport, bridge operations in a cost-effective and environmentally sound manner; to preserve the maritime tradition of the working waterfront through maintenance of the port's deepwater areas and marine facilities.

Specialities:

Cargo handling operations (containers and autos); commercial fishing operations through the Fish Pier; public-access Barborwalk; Airport Watershuttle; cruise shipping through the Black Falcon Cruise Ship terminal.

Services:

The library is open to the public, however a preliminary phone call is advised; interlibrary loan; information and statistics available on request. For Airport Watershuttle information call 1-800-23-LOGAM.

Newsletter: "Portfolio", 6/year, free

Contacts: Lana Rardan, Public Relations Manager/Haritime

Sujata Kesarcodi-Whaley, Librarian and Information Specialist

78
HASSACHUSETTS SHELLFISH OFFICERS ASSOCIATION
c/o Matural Resources Department
South Yarmouth, NA 02664

Phone: (617) 394-3508

Hours: 8:30-4:30 Monday-Friday

Objectives:

To aid and promote the general welfare of the shellfisheries and all marine-related activities in Massachusetts.

Specialities:

Commercial and shellfisheries, aquaculture, local oil-spill clean-up coordination, conservation, marine and coastal recreation.

Technical information and services, educational materials, legal information, referral to local constables, regulatory enforcement.

Fees: Membership \$15 per year

Contact: Morris Johnson, Acting Secretary

79
MASSACHUSETTS WATER RESOURCES AUTHORITY
Charlestown Navy Yard
100 First Street
Boston, MA 02129

Phone: (617) 242-6000

Hours: 8:30-5:00

Objectives:

To supply water and sewage disposal services for two and a half million people in 60 communities in the Greater Boston Area; plan and implement the clean-up of Boston Harbor; encourage water conservation.

Specialities:

Harbor pollution; water conservation; industrial waste; water supply.

Services:

Provide advisory reference or referral services; use of our library. Public education on topics such as harbor clean-up, the water supply system, water conservation.

Fees: Mostly free

Newsletter: "On the Waterfront", 4/year, free

Contacts: Elisa Speranza, Assistant Director, Public Affairs

Michael Ralph, Public Affairs Director

HASSACHUSETTS WILDLIFE PEDERATION P.O. Box 31 Matick, HA 01760

Hours: Inquiries by letter

Objectives: Education and citizen awareness.

Specialities:

Sports fisheries; marine and coastal environments; boating;

conservation.

Services: Educational and environmental information.

Fees: membership \$10 per year

Wewsletter: "Nassachusetts Out-Of-Doors"

Contact: L. Smith

81

METROPOLITAM AREA PLANNING COUNCIL 110 Tremont Street, 5th floor Boston, NA 02108

Phone: (617) 451-2770

Hours: 9:00-5:00 Monday-Friday

Objectives:

To maintain regional data; produce regional plans; provide technical assistance to local governments.

Specialities:

Water supply and water quality planning; land use planning; environmental planning; transportation; economic development; coastal oil spill plan for the North and South Shores.

Services: Use of library; answer general inquiries.

Revaletter: "Regional Update", 12/year, free

Contact: Martin Pillsbury, Environmental Planner

82
METROPOLITAN DISTRICT COMMISSION
OFFICE OF PUBLIC INFORMATION
20 Somerset Street
Boston, NA 02108

Phone: (617) 727-5215

Hours: 8:45-5:00 Monday-Friday

Objectives:

To provide potable water, watershed management and park facilities to the 54 cities and towns within the Metropolitan District.

Specialities:

Land planning for recreational and cultural facilities; coastal and island beaches; hoating, marine safety; land preservation; water conservation; water quality; environmental quality engineering and planning.

Services:

Recreational facilities and interpretive programs; marine police patrol for regulatory enforcement and boating safety.

Contacts: Michele Trudeau, Public Information Officer Mary Little, Public Information Officer

83

MONOMOY NATIONAL WILDLIFE REFUGE c/o Parker River Wildlife Refuge Plum Island, Northern Boulevard Newburyport, NA 01950

Street address: Morris Island Chatham, MA. 02633

Phones: (617) 945-0594 (answered Summer only)

and (617) 465-5753 (Parker River)

Hours: Monomoy open sunrise-sunset daily from April to Labor Day

Objectives:

To provide a feeding, resting and nesting area for migratory waterfowl. A national wilderness area affiliated with the U.S. Fish and Wildlife Service, Department of the Interior.

Specialities:

Birds; wildlife; marine and coastal environments; conservation; regulatory enforcement; coastal recreation; sports fisheries.

Public recreation permitted if not in conflict with refuge's responsibilities to wildlife. Birding is encouraged. Camping is prohibited. Obtain regulations before visit. Educational, technical and environmental information and services.

Contact: Refuge Manager at Parker River

84
MANTUCKET CONSERVATION FOUNDATION, INC.
118 Cliff Road P.O. Box 13
Nantucket, NA 02554

Phone: (617) 228-2884

Hours: 8:00-5:00 Monday-Friday

Objectives:

To preserve and protect places of natural and historic value on Wantucket; to acquire land by gift, purchase, or conservation restriction; to encourage the study of plants and wildlife.

Specialities: Conservation, coastal environment, coastal planning.

Services:

Environmental information and scientific research. Have acquired 25% of Mantucket's land area to date, including beaches, marshes, plains, scrub, ponds and moors. Free maps of holdings available.

Fees: Hembership \$15 and up

Contact: James F. Lentowski, Executive Secretary

85
NAMPUCKET LAND BARK COMMISSION
c/o Town of Mantucket
Wantucket, NA 02554

Street address:

Town & County Building on Broad Street

Phone: (617) 228-6800 ext,212

Bours: 9:00-4:00

Objectives:

The Mantucket Islands Land Bank, administered by a five member Commission, was established for the purpose of acquiring, holding and managing land important for the future conservation and recreation needs of the Island.

Specialities:

Land acquisition and property management for the protection of natural and scenic resources and public recreational use.

Services:

Public use and enjoyment of its land holdings and land management consistent with the natural and scenic resources thereof.

Contact: William R. Klein, Director

86

NATIONAL AQUACULTURE INFORMATION CENTER NATIONAL AGRICULTURE LIBRARY (USDA) 10301 Baltimore Blvd. Room 111 Beltsville, ND 20705

Phones: (301) 344-3704 and (301) 344-3755 (NAL public serv.)

Hours: 8:30-4:30 Monday-Friday

Objectives:

Maintain an information service for the collection and dissemination of literature and information relating to aquaculture; exchange information relating to aquaculture with foreign nations and support a translation service.

Specialities:

The culture of aquatic plants and animals in freshwater and marine environments at practical and research levels.

Services:

Reference and referral services; use of NAL collections; identification of USDA current research; bibliographies and guides to literature; translation service; document delivery services, including photocopying and inter-library lending.

Fees: vary, contact NAL Public Services desk

Contacts: Deborah Hanfman, Coordinator

Lee Decker, Associate Coordinator

a.

MATIONAL COALITION FOR MARINE CONSERVATION ATLANTIC REGION c/o C.M. Weld One Post Office Square Boston, NA 02109

Phones: (617) 338-2909 and (912) 234-8062

Hours: 9:00-5:00

Objectives:

To protect the productivity of the ocean's renewable resources for the benefit of all users through the prevention of overfishing and pollution.

Specialities:

Conservation of oceanic fish stocks; protection of fish habitat and the marine environment; coastal zone issues and political action at the national level.

Services:

Advisory services within the organization's very specialized fields

Wewsletter: "Marine Bulletin", 12/year, free

Contacts: Christopher Weld, President Ken Hinman, Executive Director

88

RATIONAL ENVIRONMENTAL EDUCATION PROGRAM HEED COLLABORATIVE P.O. Box 896 North Pamet Road Truro, NA 02666

Phone: (617) 349-3475 (answered day and evening)

Hours: By appointment. Closed June-August

Objectives:

To increase awareness and understanding of natural and human environments of Cape Cod.

Specialities:

Marine and pond life, salt marshes, cranberry bogs; birds, marine algae; Cape Cod geology, weather, astronomy; native Americans, orienteering and nature crafts. Wight programs include hikes, star-gazing, fireside folk dancing, stories, and songs.

Residential environmental education program mainly for 5th grade students; programs for high school students; elderhostel. Dormitory in former Coast Guard station overlooking the Atlantic. Classes held on beaches, dunes, woods, swamps, and ponds.

Fees: Contact director for information.

Contact: Susan Mann, Director

89

NATIONAL ENVIRONMENTAL SATELLITE DATA AND INFORMATION SERVICE (NOAA). NEW ENGLAND LIASON OFFICE Woods Hole Oceanographic Institution Woods Hole, MA 02543

Phones: (617) 548-1400 ext.2497 and (617) 559-5279

Hours: 8:00-4:00

Objectives:

To archive and disseminate marine environmental data derived from research conducted in coastal and open ocean waters.

Specialities:

All manner of oceanographic data are available: biological, chemical, geological, physical and meterological.

Services:

Data selection from archive files, referral to other data and information sources.

Fees: range from free to total cost-recovery

Contact: George Heimerdinger, Northeast Regional Representative

MATIONAL MARINE FISHERIES SERVICE (NOAA) FISHERIES AQUARIUM Woods Hole Laboratory Woods Hole, MA 02543

Phone: (617) 548-7684

Hours: Mid-June/mid-Sept: 10-4:30 daily; Winter: 8:30-4 Mon-Fri

Objectives:

The laboratory functions to monitor and regulate marine ecosystems of the New England continental shelf region. The purpose of the Fisheries Aquarium is to inform the public of federal activities in this area.

Specialities:

Marine sport and commercial fishing. Ecology of continental shelf area.

Services:

Information on fishing industries in this region; library services; educational tours to school groups by appointment; summer student programs.

Contacts: Fred E. Nichy, Aquarium Curator Tom Horris, Aquarium Assistant

91

NATIONAL MARINE FISHERIES SERVICE (MOAA) MORTHEAST FISHERIES CENTER Gloucester Laboratory Emerson Avenue Gloucester, NA 01930

Phone: (617) 281-3600

Hours: by appointment 8:00-4:30

Objectives:

To assist the American fishing industry and public by increasing the quantity and quality of fish and shellfish; to work closely with representatives of the fishing industry and consumers to use current technology to increase seafood yields.

Specialities:

Commercial fisheries, safety and standards, shellfisheries, food processing, food preservation, bacteriology, analytical chemistry, mechanical engineering.

Technical information, educational materials and services.

Newsletter: 6/year, free

Contact: Kurt Wilhelm, Food Technologist

92 NATIONAL MARINE FISHERIES SERVICE (MOAA) NORTHEAST REGIONAL OFFICE

14 Elm Street

Gloucester, NA 01930

Phone: (617) 281-3600

Hours: 8:00-4:30

Objectives:

To achieve optimum utilization of the Northeast's living marine resources for the benefit of the nation.

Specialities:

Issue permits for specific marine fishes in offshore (federal) waters; enforce laws and regulations for the taking of marine fishes and mammals; comment on proposed marine environmental alteration projects; publish harvest statistics.

Services:

Issue new releases on fish regulatory actions; hold public hearings; provide for financial assistance to the fishing industry.

Contact: Regional Director

93

MATIONAL MARINE FISHERIES SERVICE (MOAA) UTILIZATION AND DEVELOPMENT BRANCH P.O. Box 1109 Gloucester, NA 01930

Street address:

408 Atlantic Avenue Room 141 Boston, MA 02210-2203

Phones: (617) 281-3600 and (617) 223-8019

Hours: Gloucester: 8:00-4:30 Mon-Fri; Boston: 7:45-4:15 Mon-Fri

Objectives:

To assist the fishing industry and enhance the production and marketing of fishery products.

Specialities: Commercial fisheries market and economic information.

Services:

Weekly or thrice-weekly newsletters on landings, receipts, cold storage holdings, ex-vessel and wholesale prices, foreign trade data, market developments. Daily info. by telephone recording: Gloucester, 283-1101; Boston, 223-8013; New Bedford, 997-6565.

Hewsletter: "Fishery Harket News Reports (weekly summaries)", \$20

Contacts: Gloucester: U & D Branch Chief Boston: Officer-in-Charge

94
MATIONAL OCEAN SERVICE (NOAA)
11400 Rockville Pike Room 638
Rockville, ND 20852

Phone: (301) 443-8031

Hours: 8:00-4:30 Monday-Friday

Objectives:

To survey and chart coastal regions of United States; maintain tidal current observations; work with the nation's coastal states to manage the resources of the coastal zone; administer the Coastal Zone Hanagement and Coastal Energy Programs.

Specialities: Charting, oceanography, coastal zone management.

Services:

Technical services and information; educational information, materials and services. The office will also provide data and information about the overall NOAA mission.

Contact: William A. Stanley, Chief, Program Support Staff

NATIONAL PARK SERVICE (DOI) CAPE COD NATIONAL SEA SHORE

P.O. Box 577

South Wellfleet, MA 02663

Phone: (617) 349-3785

Hours: 8:00-4:30 Monday-Friday

Objectives:

Public enjoyment and understanding of the unique natural historic and scientific features of Cape Cod within Cape Cod National Seashore.

Specialities:

Preservation of maritime history; popular education about geology, biology and anthropology through exhibits, wayside exhibits and publications.

Services:

On-site talks, conducted walks, bookstore, use of library (by appointment).

Contact: G. Franklin Ackerman, Chief, Interpretation/Visitor Services

96

NATIONAL PARK SERVICE (DOI)
OFFICE OF SCIENTIFIC STUDIES
15 State Street
Boston, NA 02109

Phones: (617) 223-7765 and (617) 223-0191

Hours: 9:00-5:00

Objectives:

To manage national parks, monuments, seashores, recreation areas and historical areas for resource preservation and compatible recreational use.

Specialities:

Marine and coastal environments; conservation and management of natural and cultural resources; research on coastal biology and management; natural and cultural history of coastal environments.

Technical services and information; publication of scientific research results.

Contact: Michael Soukup, Chief, Office of Scientific Studies

97
MATIONAL PARK SERVICE (DOI)
SALEN MARITIME NATIONAL HISTORIC SITE
174 Derby Street
Salem, MA 01970

Phones: (617) 744-4323 and (617) 745-0236

Hours: 8:30-5:00

Objectives:

To interpret and preserve for use certain waterfront lands and structures in Salem which have been declared historical sites of mational significance.

Specialities:

Maritime history of Salem, New England and the U.S. in general.

Services:

Visitor information; educational and interpretive programs; reference materials specific to the resources at Sales Maritime; sales publications; assistance with general and research questions on maritime history.

Contact: Maureen B. Davi, Chief of Visitor Services

98

MATIONAL SEA GRANT DEPOSITORY MATIONAL SEA GRANT COLLEGE PROGRAM (NOAL) University of Rhode Island, Bay Campus Warmgansett, RI 02882

Phones: (401) 792-6114 and (401) 792-6538

Hours: 8:30-4:30 Monday-Friday

Objectives:

To provide information on literature produced by the various State Sea Grant Programs.

Specialities:

Aquaculture; mineral resources; law and mocioeconomics; fisheries; biomedicinals; ocean engineering; coastal zone management; marine education; marine recreation and applied oceanography.

On-site use of collection; 30 day loans; literature searches.

Contacts: Cynthia Krenicki, Manager Joyce Winn, Loan Librarian

99

NATIONAL WEATHER SERVICE FORECAST OFFICE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION Massachusetts Technical Center, Suite 102N Logan International Airport East Boston, MA 02128

Phones: (617) 223-6236 and (617) 569-3700 (24 hr. recording)

Hours: 8:00-4:00 Monday-Friday

Objectives:

The issuance of marine forecasts and warnings for the coastal waters from Merrimack River, MA to Watch Hill, RI; and the offshore waters including the Gulf of Maine, Georges Bank, south of New England and south of Nova Scotia.

Specialities: Narine meteorology.

Services: Meteorological and oceanographic information.

Contacts: Meteorologist In Charge

Deputy Neteorologist in Charge

100

NEW ALCHEMY INSTITUTE 237 Hatchville Road East Falmouth, NA 02536

Phones: (617) 563-2655 and (617) 563-2219

Hours: Summer: 10-4 daily; Winter: Monday-Friday only

Objectives:

To research and demonstrate environmentally sound, economically efficient technologies for meeting human food, energy and shelter needs.

Specialities:

Organic market gardening; solar greenhouse management; integrated pest management; energy-efficient building design.

Weekend courses; semester program; internship program; publications; visitor center, guided tours Saturday at 1:00 and arrangement for groups, self-guided tours anytime.

Fees: Admission \$2.00: course tuition varies

Newsletter: "New Alchemy Quarterly", free to members

Contacts: Denise Backus, Office Hanager Hary Gazda, Office Hanager

101 NEW BEDFORD WEALING MUSEUM 18 Johnny Cake Eill New Bedford, NA 02740

Phone: (617) 997-0046

Mours: July-August: 11-5 daily; Sept-June: 9-5 Mon-Sat, 1-5 Sunday

Objectives:

To increase knowledge and promote interest in the history of th American whaling industry, with particular reference to the par played in that history by the port of New Bedford.

Specialities: Whaling and maritime history.

Services:

Educational material and information. Research library, reading room and year-round programs.

Feem: Hembership \$15-\$25

Newsletter: "Bulletin from Johnny Cake Hill", 4/year, free to memb

Contact: Richard Kugler, Director

NEW ENGLAND AGUARIUM

Central Wharf

02110 Boston, MA

973

Phones: (617) -937-5200 (answered 9-5 Mon-Fri)

(617) 973-5259 (Weekends/emerg.) 5959 and

Hours: 9:00-5:00 daily, later on Friday and in Summer

Objectives:

To make known the world of water through education, research,

conservation and exhibition.

Specialities: Marine biology; ichthyology; whale watching.

Services:

Public festivals; lectures - usually free; exhibits - admissions fee \$3.25-\$5.50; whale watches - \$16-\$20; special programs -\$3-\$22: annual thematic journal "Aquasphere", free to members.

Fees: listed above

Newsletter: "Aqualog", 5/year, free to members

Contacts: Mimi Brown, Senior Publicist

Les Kaufman. Curator of Education

103

NEW ENGLAND ENVIRONMENTAL MEDIATION CENTER MEY ENGLAND WATURAL RESOURCES CENTER 108 Lincoln Street Boston, NA 02111

Phone: (617) 451-3670

Hours: 9:00-5:00

Objectives:

To help organizations and individuals deal with conflict. To assess conflicts and settle disputes through mediation and other

techniques. To train others to become more effective negotiators.

Specialities:

Mediating site-specific disputes on a broad range of environmental issues; assisting regulatory and policy development; facilitating meetings; training in negotiation and conflict assessment.

To contribute to improved communication and understanding. To facilitate the transfer of information and lay the foundation for creative solutions and mutally agreeable resolutions.

Fees: equitable fees after free consultation

Contact: James O. Arthur, Mediator

104
MEY ENGLAND ENVIRONMENTAL NETWORK
LINCOLN PILENE CENTER

LINCOLN FILENE CENTER Tufts University Hedford, MA 02155

Phones: (617) 381-3451 and (617) 381-3291

Hours: 9:00-5:00 Monday-Friday

Objectives:

Education and research. To bring together those concerned with environmental issues from throughout New England.

Specialities:

Citizen participation and education on environmental issues.

Services:

Advisory service; referrals; courses, forums, conferences. The annual New England Environmental Conference (attracting nearly 1000 persons each March); college student environmental conference; setting up meetings with EPA.

Newsletter: "New England Environmental Network Newsletter", 4/year,

Contacts: Mancy W. Anderson, Director of Environmental Programs Polly Bradley, Assistant to the Director

NEW ENGLAND FISHERIES DEVELOPMENT FOUNDATION 280 Northern Avenue Boston, MA 02210

Phone: (617) 542-8890

Hours: 9:00-5:00 Monday-Friday

Objectives:

To improve the handling of seafood at all levels of the distribution chain and to educate consumers about handling, cooking and health benefits of seafood. A trade association for the New England seafood industy.

Specialities:

Seafood, commercial fisheries, especially underutilized species, and the history of the the New England fishing industry.

Services:

Seafood and food service industry training programs, seafood education and marketing; lectures; advisory, reference and referral services.

Newsletter: "MEFDF FISH NEWS", 15/year, \$25

Contacts: Kenelm Coons, Executive Director
Marsha Francis, Project Director

106
NEW ENGLAND FISHERY MANAGEMENT COUNCIL
Suntang Office Park
5 Broadway (Route 1)
Saugus, MA 01906

Phone: (617) 231-0422

Hours: 9:00-5:00 Monday-Friday

Objectives:

To prepare, monitor and amend, as necessary, fishery management plans for the fishing resources of the U.S. Fishery Conservation Zone in the New England region as charged by Fublic Law 94-265.

Specialities: Fisheries management

Services: Information.

Contact: Douglas Marshall, Executive Director

107
WEW ENGLAND GOVERNORS' CONFERENCE
COASTAL ZONE LIAISON
76 Summer Street
Boston, MA 02110

Phone: (617) 423-6900 (answered 8:30-5:30)

Hours: 9:00-5:00 Monday-Friday

Objectives:

To provide information and advice to the Governors of the New England States.

Specialities: Coastal-ocean policy, environmental policy, acid rai

Services:

Technical information, development of regional policy. Continue some services of the New England River Basins Commission and the New England Regional Commission.

Contact: Steven L. Colman, Coastal Zone Liaison

108
MEW ENGLAND HARINE TRADE ASSOCIATION
715 Boylston Street
Boston, NA 02116

Phone: (617) 266-6800 (answered 9:00-5:00)

Hours: by arrangement

Objectives:

To promote and encourage better business practices in the marii recreation industry; to assist member organizations with special projects; to promote boating safety.

Specialities:

Marine and coastal recreation, boating safety and federal boat: legislation.

Services: Boat Show; educational seminars.

Contact: Richard S. Guild, Executive Secretary

109

NORTHEAST MARINE ADVISORY COUNCIL NEW ENGLAND CENTER FOR CONTINUING EDUCATION 15 Garrison Avenue Durham, NE 03824

Phone: (603) 862-3460

Hours: Flexible

Objectives:

To facilitate sharing professional resources and coordination of joint research; maintain limison with other regional marine-oriented organizations; develop educational programs. An association of federal, state, private and educational institutions.

Specialities:

Cover the spectrum of marine-related areas including history, environment, conservation, coastal and marine environments, education, aquaculture.

Services:

Technical services and information, educational services and information, educational materials available indirectly through members.

Contact: Brian Doyle

110
RORTHEAST MARINE ENVIRONMENTAL INSTITUTION, INC.
P.O. Box 666
Honument Beach, MA 02553

Street address: Agawam Point Road

Phone: (617) 759-4055 (answered or recording)

Hours: By appointment. Closed November 1st - April 15th

Objectives:

To provide a marine field station as a base for coastal studies; to provide wet-lab and greenhouse facilities; to supply schools and colleges throughout the U.S. with living marine specimens for class and basic research.

Specialities:

Marine biology field trips on Cape Cod and in the Carribean; mar specimen supply for classroom studies.

Services: Courses, lectures and site visits.

Fees: Consult rate schedule

Contacts: Paul A. Shave, President

Mary H. Shave, Program Director

111

MORTHRASTERN UNIVERSITY
MARINE SCIENCE AND MARITIME STUDIES CENTER
East Point

Mahant, MA 01908

Phone: (617) 581-7370

Hours: 8:30-4:30 Monday-Friday

Objectives:

To provide the best marine education opportunities and develop innovative curricula. To provide a stimulating marine research program for faculty, graduate and undergraduate students at several levels of intensity.

Specialities:

Meurobiology of lobsters and lampreys; marine ecology study usin SCUBA-diving and submersibles; marine invertebrate physiology, systematics, morphology, using electron microscope; marine botan coastal geology.

Services:

Courses and summer courses; East/West marine biology program; marine biology education for adults; exhibits, tours, lectures, whale watches; library, referral, and laboratory specimens.

Pees: vary

Newsletter: "forthcoming: call for information"

Contacts: Judith Cusack, Administrative Assistant

Morgan Hardwick-Witman, Harina Education Programs Coordin

OCEAN RESEARCH AND EDUCATION SOCIETY

19 Barbor Loop

Gloucester, MA 01930

Phone: (617) 283-1475

Hours: 9:00-5:00 Monday-Friday

Objectives:

To expand knowledge and understanding of the ocean and marine life through programs in marine education and research; to serve as a marine education center for the North Shore and Greater Boston area.

Specialities:

A practical and academic program involving navigation, practical seamanship, whales and their environment, coastal ecology and research methods.

Services:

Yorkshops and courses for elementary students; research methods for secondary students; field study; evening lectures for adults and programs for students of all ages at the O.R.E.S. harborside facility.

Fees: depend on the type and length of the program

Contacts: Cindy Call, Secretary

Aldyth Innis, Educational Director

113
ORLEAMS HISTORICAL SOCIETY
P.O. Box 353
Orleans, NA 02653

Street address:

at the corner of River Road and Main Street

Phone: (617) 255-2244 (answered 8:00-5:00)

Hours: Summer: variable; Winter: closed. Monthly meetings 1st Tues

Objectives: Historical exhibitions and recreation.

Specialities:

Floating museum. History of Coast Guard rescue boat CG 36500.

Exhibition. Summer tours to various ports in southeastern New England.

Fees: Mone, boat maintained by donated funds

Mowslatter: free

Contacts: William P. Quinn, Board of Directors

Charles Thompson, President

114

PARKER RIVER NATIONAL WILDLIFE REFUGE Plum Island Morthern Boulevard 01950 Mewburyport, XL

Phone: (617) 465-5753

Hours: 8:00-4:30 Hon-Fri; Refuge: dawn to dusk daily year-round

Objectives:

To perpetuate migratory bird resources and to preserve the natural diversity and abundance of mammals and non-migratory birds on refuge lands. Affiliated with the U.S. Fish and Wildlife Service, Department of the Interior.

Specialities: Higratory birds, wildlife and natural habitats.

Services: Conservation.

Contact: Refuge Namager

115

PEABODY NUSEUM OF SALEN East India Square 01970 Salem. MA

Phones: (617) 745-9500 and (617) 745-1876 (8:30-4:45)

Hours: 10-5 Monday-Saturday, 1-5 Sunday and some holidays

Objectives:

To collect, conserve, display and interpret the maritime history New England, the natural history of Essex County and a collection representing non-European cultures.

Specialities:

Maritime history of fishing, whaling, coastal trade and deep wate trade (including China); natural history of Essex County; ethnology of Japan, the Pacific and native Americans.

Exhibit galleries, guided tours, lectures, catalogs, research library and collections, technical information; photographic work and archives, classes and workshops for children and adults, teacher-training institute and workshops.

fees: Contact museum for admission fees

Newsletter: "The Register", 6/year, \$20

Contacts: Rob Moir, Curator of Natural History Eleanor Bailey, Director of Education

116
PLEASANT BAY MARINE ECOLOGY PROJECT
P.O. Box 189
South Orleans. MA 02662

Phones: (617) 255-4614 (answered or recording)

and (617) 648-0129

Hours: 9:00-5:00 Spring-Fall; plus weekend workshops

Objectives:

To study natural ecosystems and educate citizens as to their importance.

Specialities:

Field research and education, particularly in bay and salt marsh ecology, horseshoe crabs and coastal ecosystems.

Services:

Slide lectures, environmental consultation, courses and workshops concerning the marine environment.

Fees: Membership \$10/year; consultations \$25/hr

Contacts: George D. Buckley, Director Zachary Zevitas 120 SEA EDUCATION ASSOCIATION P.O. Box 6 Woods Bole, HA 02543

Street address: 171 Woods Hole Road Falsouth, MA 02540

Phone: (617) 540-3954

Mours: 8:00-5:00

Objectives:

To foster a knowledge, understanding and an appreciation of the oceans by offering academic programs and the opportunity to live, work and study at sea.

Specialities: Education and marine research.

Services:

SEA SEMESTER: full-credit undergraduate program for qualified adults. Students have 6 weeks on campus studying oceanography, maritime affairs and nautical science, 6 weeks of sail, study and hands-on research on R/V WESTWARD. Tuition grants available.

Fees: Consult current catalogue

Newsletter: "Sea Quest", 4/year, \$50

Contacts: Sarah Graham Mann, Marketing Firector

Linda leBarre, Assistant

121
SEAFOOD EDUCATION AND RESEARCH COUNCIL, INC. (SEARCI)
280 Northern Avenue
Boston, NA 02210

Phone: (617) 542-8890

Bours: 9:00-5:00 Monday-Friday

Objectives:

To accumulate data and artifacts relating to seafood and maritime history; to create awareness in the general public about marine resources in New England; to assist consumers in making informed choices about seafood products.

Specialities:

Fish as food, particularly underutilized species, handling, purchasing and cooking; maritime history.

Programs for the general public; recipes; advisory, reference and referral. One-day "Seafood Secrets" workshop in cooperation with Boston University School of Food and Hotel Administration offered Wednesdays and Saturdays.

Fees: current workshop price \$75

Contact: Marsha Francis, Program Director

122 SIERRA CLUB NEW ENGLAND CHAPTER 3 Joy Street, Room 12 Boston, NA 02108

Phone: (617) 227-5339

Hours: 10-2 Mon and Thurs, 9-4 Tues-Wed, 9-3 Fri

Objectives: To protect marine and coastal environments.

Specialities:

Commercial fisheries; marine and coastal recreation; marine industry; conservation; coastal and marine environments; coastal and marine legislation; offshore oil drilling.

Services:

Technical, legal, human health and environmental information; educational materials and services; outdoor recreation program; "New England Sierran" (regional) and "Sierra" (national) newsletters.

Fees: Membership \$15-29 per year

Newsletter: "New England Sierran", free to members

Contacts: Wanda Goldbaum, Office Manager Priscilla Chapman, Director

SOUTH SHORE LOBSTERNEW'S ASSOCIATION c/o 8 Otis Place Box 9101 Scituate, MA 02066-6984

Phone: (617) 545-6984

Bours: 8:00-5:00 plus answering machine after hours

Objectives:

To improve the overall quality of the lobster industry and promote the personal and economic welfare of South Shore lobster fishermen.

Specialities:

The commercial lobster industry from Quincy to the Cape Cod Canal, including its conservation, law enforcement, and its marine environment.

Services:

Monthly get-togethers to exchange helpful information October - May at the Marshfield Elks Hall; display trailer exhibiting the "world's largest lobster".

Fees: Membership \$15 per year

Newsletter: 12/year, free

Contact: Roy D. Tate, Executive Director

124
SOUTH SHORE MATURAL SCIENCE CENTER, INC.
P.O. Box 429
Jacobs Lane
Norwell, MA 02061

Phones: (617) 659-2559 and (617) 659-7715

Hours: 9:00-4:00 Monday-Saturday; 1:00-4:00 Sundays

Objectives:

To instill appreciation and develop understanding of the fragile, dynamic and complex character of the natural environment and man's part in it. A private non-profit center for education.

Specialities: The natural and cultural history of local areas.

Programs for all ages: interpretive trail walks and activities, school and pre-school programs and classes; summer day camp; craft workshops; speakers bureau; lending library; teacher workshops. Grounds include 45 acres of diverse habitats on 3 sites.

Fees: Nembership \$15-25/year

Newsletter: "Beeline/Program", free to members

Contacts: Faith L. Burbank, Executive Director

Jennifer Beaven, Adult Education Specialist

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SOUTHEASTERN HASSACHUSETTS UNIVERSITY BIOLOGY DEPARTMENT. NARIME SCIENCES PROGRAM North Dartmouth, MA 02747

Phones: (617) 999-8024 and (617) 999-8208

Hours: 8:30-4:30

Objectives:

To educate undergraduate and graduate marine science and marine engineering students; to conduct research in marine sciences and marine engineering.

Specialities:

Coastal marine ecology; ichthyology; marine microbiology; phycology; aquaculture; biological oceanography; marine algae; sharks; salt marsh ecology; marine invertebrates; marine plankton; underwater acoustics; marine acoustic signal processing.

Services:

Advisory, reference and referral services; use of library; courses; periodic workshops, conferences and summer programs; seminars and special lectures.

Fees: vary

Contacts: Director, Marine Sciences Program

Francis X. O'Brien, Chairman, Biology Department

SOUTHRASTERN REGIONAL PLANNING AND ECONOMIC DEVELOPMENT DISTRICT (SRPEDD) 88 Broadway

Taunton, MA 02780

Phones: (617) 824-1367 and (617) 636-6200

Hours: 8:00-6:00

Objectives:

Comprehensive regional planning, including land use, transportation, economic development, water quality and coastal zone management.

Specialities:

Marine and coastal environments; water quality planning; model by-laws and regulations for local communities to protect their natural resources; bazardous waste management for municipalities; cartography.

Services:

Environmental information; technical assistance; energy advisor service; planning library.

Contacts: Debra H. Fruzzetti, Principal Environmental Planner Stephen C. Smith, Executive Director

127 STRIPERS UNLINITED, INC. P.O. Box 45 South Attleboro, MA 02703

Street address:

880 Washington Street

Phone: (617) 761-7983

Hours: 7:30-3:00 Monday-Friday

Objectives:

To promote, conserve and protect striped bass; protect and restore its environment; and encourage research to preserve this natural resource and increase its areas of reproduction. A non-profit organization with members in 21 states and 2 provinces.

Specialities: Striped bass and its perilous status.

Prepared slide lecture available. Will supply information on request.

Fees: Membership \$10 per year

Newsletter: "Massachusetts Out-of-Doors", 12/year, free to members

Contacts: Avis E. Boyd, Executive Secretary

Robert B. Pond, Director

128 SUFFOLK UNIVERSITY BIOLOGY DEPARTMENT Beacon Hill

Boston, MA 02114

Phone: (617) 723-4700 ext.622

Hours: 9:00-5:00 Monday-Friday

Objectives:

To educate undergraduates and teachers; to promote marine education and awareness in primary and secondary students, as well as in the public at large.

Specialities:

Marine biology; invertebrate zoology; parasitology; coastal geology; tropical marine science.

Services:

Courses in Boston and at our summer field station in Maine; curriculum materials for teachers (MEMS on-line computer); technical information; elder hostel programs.

Fees: Course tuition

Contacts: Peter Burn, Marine Science Program Coordinator Arthur West, Chairman, Biology Department

THOMPSON ISLAND EDUCATION CENTER, INC.

Thompson's Island

P.O. Box 127

Boston, Mà 02127

Phone: (617) 328-3900 (answered 8:30-4:30 M-F)

Hours: By appointment

Objectives:

To promote individual initiative, responsibility, teamwork and urban survival skills and to teach students about their community's environment. To provide educational services to schools and organizations that offer experience-based programs.

Specialities:

Marine and coastal environments; marine and natural history, outdoor and environmental education.

Services:

Curriculum development and resource service workshops; mini-courses for teachers and youth leaders; consultation in program development and design; conferences, workshops, outings, field trips.

Fees: Vary

Newsletter: "Thompson Island Journal", 4/year

Contacts: Sue Heilman, Community Education Programs Director Line Verneguard, Assistant

130
THORNTON W. BURGESS SOCIETY MUSEUM
GREEN BRIAR NATURE CENTER
6 Discovery Hill Road
East Sandwich, NA 02537

Phone: (617) \$88-6870 (answered 9-4 Mon-Sat)

Mours: Summer: 10-4 Mon-Sat, 1-4 Sunday. Call for Jan-March

Objectives:

Public and school environmental education; research; and conservation.

Specialities:

Environment, natural history, especially the flora and fauna of the upper Cape region.

Courses; field trips; summer programs; lectures; tours; whale

watches; library; publications.

Fees: Please consult schedule

Newsletter: 3/year, free to members

Contacts: Robert T. McMaster, Director, Green Briar Mature Center

Mancy E. Titcomb, Director, Thornton W. Burgess Museum

131

TRUSTEES OF RESERVATIONS 572 Easex Street Beverly, MA 01915

Phone: (617) 921-1944

Hours: 9:00-5:00 Monday-Friday

Objectives:

To preserve places of natural beauty and historic interest within Massachusetts for the public.

Specialities:

Natural history; conservation; cultural landscapes; sports fisheries; shellfisheries; marine and coastal recreation.

Services:

Coastal reservations and refuges in Ipswitch and on Cape Ann, Martha's Vineyard and Mantucket. Please call for more detailed information on coastal properties.

Mewsletter: "Trustees of Reservations Newsletter", 4/year

Contacts: Frederick Winthrop Jr., Director

William Clendaniel, Deputy Director

U.S. ARMY CORPS OF ENGINEERS NEW ENGLAND DIVISION Technical Library-Building 116N 424 Trapelo Road Waltham, NA 02254-9149

Phones: (617) 647-8237 and (617) 647-8118

Hours: 8:00-4:30 Monday-Friday

Objectives:

To plan, design, construct, operate and maintain projects for navigation, beach erosion control, hurricane protection, flood control, streambank protection, urban developments, irrigation, emergency response measures.

Specialities:

Marine and coastal planning and recreation; boating; permitting; hydrology; water resources; regulatory enforcement; dredging-waste disposal; construction, design and engineering of waterways, dams and barbors.

Services:

Technical and analytic services; legal information; regulatory enforcement; human health and environmental information.

Newsletter: "New England Updates", 4/year, free

Contacts: Warren Mordman, Public Affairs Officer Timothy P. Hays, Chief, Technical Library

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U.S. COAST GUARD PUBLIC AFFAIRS OFFICE FIRST COAST GUARD DISTRICT Captain John Foster Williams Coast Guard Building 408 Atlantic Avenue Boston, NA 02210-2209

Phone: (617) 223-8515 (answered 24 hours)

Mours: 7:00-4:00

Objectives:

To enforce fishery laws and other federal statutes, prevent pollution and minimize its damage by environmental accident response measures, promote safety for commercial and pleasure boaters and be prepared to perform military duties.

Specialities:

Marine safety; navigation; water pollution and oil spills.

Services: Search and rescue; aids to navigation, information.

Newsletter: "Firstword", 12/year, free

Contacts: Rich Griggs, Office Chief

Bob McLaughlin, Public Affairs Officer

134

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE Massachusetts State Office 451 West Street Amberst, NA 01002

Phone: (413) 256-0441

Hours: 8:00-5:00 Monday-Friday

Objectives:

The soil conservation service is the nation's technical agency dedicated to the wise use of soil, water and related resources. Objectives include: reducing soil erosion; preventing flood damage; conserving water; improving water quality and land use.

Specialities:

Erosion and sediment control; critical area treatment; dune stabilization; soil survey information; conservation planning; plant materials for conservation plantings.

Services:

High quality technical assistance to individuals, organizations and government agencies in managing land-based natural resources; resource data and interpretive information; conservation planning and application assistance. Education materials.

Newsletter: "SCS Current Developments", 4/year, free

Contacts: Deborah K. Johnson, Public Affairs Specialist Willie Ruffin, Assistant State Conservationist

U.S. DEPARTMENT OF EMERGY BOSTOM SUPPORT OFFICE 150 Causeway Street Boston, NA 02114

Phone: (617) 223-5207

Moure: 9:00-5:00

Objectives:

To study and develop energy policy and regulations and administer conservation grant programs; provide assistance to states on energy matters: review long-term energy impacts of states communications plans and impacts of all state energy-related projects.

Specialities:

Energy supply and demand, energy conservation including aspects related to coastal and marine environments.

Services:

Reference and referral; lectures; legal, technical, environmental and energy data.

Contact: Duame D. Day, Public and Intergovernmental Officer

136
U.S. ENVIRONMENTAL PROTECTION AGENCY
PUBLIC AFFAIRS OFFICE OR WATER MANAGEMENT DIVISION
JFK Federal Building
Boston, NA 02203

Phones: (617) 565-3424 (answered Public affairs)

ind (617) 565-3518 (Water management)

Hours: 8:30-5:00 Monday-Friday

Objectives:

To assume responsibility for the federal government's major programs in air pollution, water pollution, waste management, drinking water, toxic substances and pesticide control.

Specialities: Pollution.

Technical information, educational information, film library, materials and services.

Newsletter: "EPA Environmental News"

Contacts: Brooke Chamberlain-Cook, Director of Public Affairs

Curt Spaulding, Water Management Division

137

U.S. FISH AND WILDLIFE SERVICE (DOI)
REGION 5 OFFICE
One Gateway Center, Suite 700
Newton Corner, HA 02158

Street address: 6 Kimball Lane Northboro, KA 01532

Phone: (617) 965-5100 (answered 8:00-5:00)

Hours: 7:00-5:00 daily

Objectives:

To conserve, protect and enhance fish, wildlife and their habitats for the continuing benefit of the American people.

Specialities:

Wetlands, coastal ecosystems, wildlife resources and refuges, endangered species, migratory fisheries, 404 permit evaluations, environmental planning, land ascertainment, water quality, energy project impacts.

Services:

Advisory services; evaluate development projects on fish/wildlife resources; provide scientific data needed to conserve and manage fish/wildlife resources; enforce federal laws protecting migratory birds and endangered species.

Newsletter: "published out of Washington, DC Office"

Contacts: Inez Conner, Public Affairs Officer

Barbara Donlon, Assistant Public Affairs Officer

U.S. GEOLOGICAL SURVEY (DOI) BRANCH OF ATLANTIC MARINE GEOLOGY Quissett Campus Woods Hole, NA 02543

Phone: (617) 548-8700

Hours: 8:00-5:00 Monday-Friday

Objectives:

The goal of this branch is to develop a systematic understanding of the geologic setting and processes of the offshore areas of the United States. This program serves national need by extending our knowledge of where mineral and petroleum resources are.

Specialities:

Research on the marine geologic environment of U.S. offshore areas along the Atlantic and Gulf of Mexico coasts.

Services: Research reports and geological data.

Fees: vary

Contacts: Branch Chief

Associate Branch Chief

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U.S. GEOLOGICAL SURVEY (DOI) WATER RESOURCES DIVISION Room 1309 150 Causeway Street Boston, NA 02114

Phone: (617) 223-2822

Hours: 8:30-5:00 Monday-Friday

Objectives:

To appraise and describe the quantity and quality of the nation's water resources.

Specialities:

Water resources, ground water, surface water, water quality, hydrologic research.

Information and educational materials; maps and reports available at cost from distribution centers in Arlington, Virginia and Denver, Colorado; computer retrieval of hydrologic data retrieval (\$25 minimum).

Fees: Estimates furnished on request

Contact: James D. Linney

140

U.S. GOVERNMENT PRINTING OFFICE (GPO) BOSTOM BOOKSTORE Room G25, John F. Kennedy Federal Building Sudbury Street Boston, MA 02203

Phones: (617) 223-6071 and (617) 223-6072

Hours: 8:00-4:00 Monday-Friday

Objectives: To distribute U.S. Government Publications.

Specialities:

Government publications distributed by the Superintendent of Documents. Subjects include commercial fisheries; marine and coastal recreation; environments; permitting; safety and standards; natural history; marine industries; boating; sports.

Services:

In addition to free subject bibliographies that are available upon request, our organization is prepared to participate in exhibits or lectures. Bimonthly catalog "New Books" (free).

Pees: vary

Mewsletter: "U.S. Government Books", 4/year, free

Contact: Bookstore Clerks

U.S. MAYY OFFICE OF INFORMATION, NEW ENGLAND 408 Atlantic Avenue, Room 222 Boston, NA 02210-2203

Phone: (617) 426-0490 (answered or recording)

Mours: 8:00-4:30

Objectives:

To provide information to, and limison with, mass media organizations in New England regarding U.S. Navy policy, operations and activities worldwide.

Specialities: U.S. Navy.

Services: Information.

Contact: Office staff

142

UNIVERSITY OF HASSACHUSETTS
CARTOGRAPHIC INFORMATION RESEARCH SERVICES
/MATIONAL CARTOGRAPHIC INFORMATION CENTER
102-B Hasbrouch Laboratory
Amberst, MA 01003

Phone: (413) 545-0359

Hours: 9:00-4:00 Monday-Friday

Objectives:

To provide cartographic information, regardless of its location, to any and all users, as expeditiously as possible.

Specialities:

All cartographic, photographic and digital information available from the federal government and private firms.

Services:

Locate, select and order various kinds of maps and cartographic information, including aircraft and space imagery. The cartographic office has the only image browse facility in the Mortheast which allows the user to review data before its purchase.

Contacts: Dennis J. Swartwout, Director John O'Keefe, Research Assistant

UNIVERSITY OF MASSACHUSETTS
COLLEGE OF FOOD AND NATURAL RESOURCES
OFFICE OF MARINE RESOURCES
Holdsworth Natural Resources Cntr
Amherst, MA 01003

Phones: (413) 545-2757 and (413) 545-2049

Hours: 8:00-5:00

Objectives:

To coordinate and facilitate research and extension activities in the areas of coastal/marine resources and foods.

Specialities:

Pisheries resources, food processing technology, scafood product development, scafood marketing, coastal tourism, water quality issues, nutrition as related to scafood.

Services:

To provide advisory services, workshops, courses, research and expertise for Commonwealth needs.

Contacts: Michael R. Ross, Director, Office of Marine Resources Robert Biagi, Associate Director

144

UNIVERSITY OF MASSACHUSETTS
COOPERATIVE EXTENSION. COMMUNITY RESOURCE DEVELOPMENT
PROGRAMS
214 Stockbridge Hall
Amberst, NA 01003

Phone: (413) 545-0027

Hours: 8:30-5:00 Monday-Friday and by appointment

Objectives:

To assist communities, municipalities, small-scale businesses, citizen groups, local governments and other local leaders and development organizations with decision-making and planning by providing information, organizational assistance and training.

Specialities:

Community development; economic planning and development; local government programs; natural resources management; marine resources development and management; citizen involvement; environmental education; land-use and rural development.

Over a dozen publications and many fact-sheets available; meetings and workshops; slide-tapes; training; consulting, technical assistance, organizing and educational services; providing access to latest research, new skills and planning capabilities.

Contact: Rick Feldmen, State Program Leader

UNIVERSITY OF MASSACHUSETTS
COOPERATIVE EXTENSION. FOOD AND MUTRITION/HOME ECONOMICS
Department of Food Science and Mutrition
204 Chenoweth Laboratory
Amherst, MA 01003

Phone: (413) 545-0552

Bours: 9:00-5:00

Objectives:

To increase consumer awareness of selection, storage and home preparation of seafood; to increase knowledge of the nutritional benefits of eating seafood; to improve nutritional status and awareness in Massachusetts.

Specialities:

Food and nutrition education, seafood safety, underutilized species.

Services:

Programs for groups; training; fact sheets and other educational materials; fairs; audiovisuals; consumer questions answered; home economics newsletter.

Contact: Namey Cohen, Mutrition and Food Specialist

146
UNIVERSITY OF MASSACHUSETTS
COOPERATIVE EXTENSION. MARINE RESOURCE PROGRAM
22 West Experiment Station
Anherst, NA 01003

Phones: (413) 545-2049 and (413) 545-0611

Hours: 9:00-5:00 Monday-Friday and by appointment

Objectives:

To bring the knowledge and research base of the University to bear on marine resource issues, problems, needs and promises for the future. The Program coordinates information sharing to encourage practical applications to local and state needs.

Specialities:

Environment, water resources, erosion and coastal horticulture, aquaculture, community planning and involvement, commercial and recreational shell and finfish, marine foods and processing, nontraditional species, 4-H and youth programs.

Services:

Information and consultation; leadership and organizational development programs, organizing and facilitating educational workshops, forums, conferences, demonstrations and events; newsletters, factsheets, publications and media presentations.

Newsletter: "CES Marine News", free

Contact: Robert C. Biagi, Assoc. Dir., Office of Marine Resources

147
UNIVERSITY OF HASSACHUSETTS
COOPERATIVE EXTENSION. SUFFOLK COUNTY OFFICE
150 Causeway Street
Boston, MA 02114

Phone: (617) 727-4107

Hours: by appointment 9:00-5:00 Monday-Friday

Objectives:

To increase consumer awareness of seafood selection and handling; to improve awareness of under-utilized species; to enhance understanding and enjoyment of the marine environment and resources among youth and adults.

Specialities:

Seafood consumer education; youth curricula, fishing, seawater aquaria; general nutrition information.

Services:

Workshops and demonstrations for groups; factsheets and other publications; advisory services for organizations.

Fees: Occasional charges for workshops or programs

Mewsletter: "Creative Living", 6/year, free

Contacts: Jeanne Baranek, Coordinator, Home Economics Stewart Jacobson, Marine Resource Specialist

UNIVERSITY OF MASSACHUSETTS
DEPARTMENT OF FOOD SCIENCE AND NUTRITION
Amberst, MA 01003

Phone: (413) 545-2276

Hours: 8:15-5:00; Summer 8:00-4:00

Objectives:

Education in food science and nutrition at the graduate and undergraduate levels; applied and basic research in food chemistry and biochemistry, microbiology, processing, sensory evaluation, nutritional physiology and anthropological nutrition.

Specialities:

Marine food product and process development; increasing utilization of underused species; flavor chemistry, nutritional aspects of seafoods, marine fats and oils.

Services:

Extension to consumer and producer groups; extension service programs, exhibits, documents, etc.; contract/grant research.

Fees: for cost-recovery only

Contacts: R. Glenn Brown, Director

Herbert O. Hultin, Gloucester Marine Station, Researcher

149
UNIVERSITY OF MASSACHUSETTS
DEPARTMENT OF FORESTRY AND WILDLIFE MANAGEMENT
Boldsworth Hall
Amberst, NA 01003

Phones: (413) 545-2257 and (413) 545-2757

Hours: 8:30-5:00

Objectives:

To train undergraduate and graduate students in marine fisheries; conduct research applicable to needs of marine fisheries resource agencies; disseminate information via cooperative extension activities.

Specialities: Fisheries resources; estuarine ecology.

UNIVERSITY OF MASSACHUSETTS
MASSACHUSETTS COOPERATIVE FISHERY RESEARCH UNIT
Holdsworth Hall
Amherst, MA 01003

Phones: (413) 545-0398 and (413) 545-2757

Hours: 8:00-5:00

Objectives:

To conduct research projects of importance to state and federal fishery agencies and private groups using university graduate students. To participate in the university system as an adjunct facility, teaching and advising graduate students.

Specialities:

Sports fisheries, coastal environment, anadromous fisheries.

Services:

Technical information; limited capacity for extension responses.

Contact: Henry E. Booke, Unit Leader

152

UNIVERSITY OF MASSACHUSETTS MANUCRET FIELD STATION P.O. Box 756, Polpis Road Manuschet, MA 02554

Phones: (617) 228-5268 (answered business hours)

and (617) 228-9475 (dormitory phone)

Mours: By appointment

Objectives: Education, research and community service.

Specialities:

Marine and coastal environments, maritime heaths, coastal botany, marine fish and shellfish, conservation, nitrogen fixation in the coastal environment, geobotany and the erosion of coastlines.

Courses in biology, history and literature from June to December. Information services, technical research support, laboratory and residence facilities, environmental information.

Pees: Users pay cost of facility use.

Contact: Wesley N. Tiffney Jr., Field Station Director

153
UNIVERSITY OF MASSACHUSETTS
WATER RESOURCES RESEARCH CENTER
Blaisdell House
Amberst. MA 01003

Phone: (413) 545-2842 (answered 8:00-5:00)

Bours: 9:00-5:00

Objectives:

To advance research on all aspects of water resources and use; assist student research and public inquiries on water resource topics; communicate research findings as widely as possible and encourage inter-agency exchanges of information.

Specialities:

Acid rain and its consequences; drinking water supply and quality; river basin planning; surface and ground water management; related concerns; hydro-power, floods, drainage, septic systems, industrial water use, pollution, water-borne disease, etc.

Services:

Specialized 3,000 volume library, referral service, lectures, conference sponsorship, directories of courses and researchers, expertise in coordinating voluntary citizen participation in research, extensive computer uses, inexpensive publishing services.

Fees: vary

Newsletter: 12/year, free

Contacts: Eathy (Secretary)

Margery (Office Manager)

UNIVERSITY OF HASSACHUSETTS AT BOSTON ENVIRONMENTAL SCIENCES PROGRAM BOSTON. MA 02125

Phone: (617) 929-8255

Hours: 9:00-5:00 Monday-Friday

Objectives: To train doctoral students and conduct research.

Specialities:

Environmental sciences with special emphasis on science and policy

related to urban harbors and coastlines.

Services: Research and graduate education.

Contact: Joseph J. Cooney, Professor and Director

155
UNIVERSITY OF RHODE ISLAND
DIVISION OF MARINE RESOURCES. LIBRARY
Wathins Building, Bay Campus
Marragansett, RI 02882-1197

Phone: (401) 792-6211 (answered or recording)

Bours: 8:30-4:30

Objectives:

To serve as staff library for the University of Rhode Island

Division of Marine Resources.

Specialities:

Coastal zone management; commercial fisheries; marine recreation; aguaculture; pollution; marine resources.

Services:

Referral services; on-site use of library suggested as staffing does not permit extensive request responses; inter-library loan; photocopies of some informational materials; access to URI Sea Grant publications and Marine Advisory Service.

Fees: for cost-recovery only

Meesletter: "Marine Resources Information", 6/year, \$3 start-up fee

Contact: Jane S. Miner, Publications Coordinator

URBAN ANGLER

c/o Massachusetts Division of Fisheries and

Wildlife. Field Headquarters

Westboro, MR 01581

Phones: (617) 366-4470 and (617) 366-4479

Hours: 8:00-4:30 Mon-Fri. Send inquiries c/o Program Coordinator

Objectives:

Conservation and understanding of the wise use of resources. Aquatic education and fishing techniques. The program is run by volunteers through the coordinator.

Specialities:

Basic fishing techniques in fresh and salt water utilizing surplus species of fish; preparation and cooking of these species.

Services:

Local courses arranged where in demand. Temporary exhibits organized for special events.

Mewsletter: "Shortcasts", free to instructors

Contact: Program Coordinator

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WAQUOIT BAY NATIONAL ESTUARINE RESEARCH RESERVE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL MANAGEMENT Division of Forests and Parks P.O. Box 66 South Carver, MA 02366

Street address: Cranberry Road

Phones: (617) 866-2580 (answered 8:00-5:00)

and (617) 727-9681

Hours: Pending - call first

Objectives:

Education, estuarine research, interpretation, conservation.

Specialities:

Shellfishing, sportfishing, boating, camping, salt marshes, tidal areas, beaches, eel grass, hydrology.

Provide advisory research and educational services. Presently developing progress and publications, lectures and tours for Fall 1946.

Contact: Ilo Hays Howard, Manager

158
WEB OF LIFE OUTDOOR EDUCATION CENTER, INC.
Hain Street
P.O. Box 530
Carver, MA 02330

Phones: (617) 866-5353 (answered 9:00-5:00 M-F)

and (617) 866-5354

Bours: By appointment

Objectives:

A non-profit education and research facility. Goals include: increasing public knowledge concerning the biology of local flora/fauna and environmental issues (particularly pesticides). Research on marine mammal populations in the Gulf of Maine.

Specialities:

Whale research and education: an original slide library (over 3,000) illustrating cetacean biology and behavior and a collection of cetacean structural remains and artifacts. Whale watching trips for school groups and the general public.

Services:

Daily whale watches April-October; day field trips for schools; 5 day residential ecology programs for schools; lectures on whales, wildflowers, local mammals, reptiles, and wildlife rehabilitation.

Fees: Whale watches \$11-\$15

Contacts: David Wiley, Director of Education Sharon Young, Program Director

WOODS HOLE OCEANOGRAPHIC INSTITUTION WOODS Hole, MA 02543

phone: (617) 548-1400

ROUTS: 8:00-5:00 Monday-Friday

Objectives:

To maintain a professional staff of marine scientists to pursue marine science and publish research results. A private non-profit marine research laboratory.

Specialities:

The basic disciplines of biology, chemistry, geology, geophysics, physical oceanography, and ocean engineering plus legal policy implications, coastal planning and ocean management.

Services:

Graduate education program. Publishes "Woods Hole Notes" newsletter as well as "Oceanus", other general publications and technical reports.

Mewsletter: "Oceanus", 4/year, \$20

Contact: Shelly Lauzon, Publications and Information Manager

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WOODS HOLE OCEANOGRAPHIC INSTITUTION SEA GRANT PROGRAM Woods Hole, HA 02543

Phone: (617) 548-1400 ext.2398

Bours: 9:00-4:00

Objectives:

To promote the understanding, assessment, development, utilization and conservation of the coastal and ocean resources of Massachusetts and the nation.

Specialities:

Sand transport, red tide, shellfish, pollution, coastal and ocean policy, and some aspects of aquaculture.

Advisory referral service, use of a major marine science library, bibliographic searches, reprints.

Fees: for cost-recovery only

Newsletter: "Publication in planning stages", 4/year, free

Contacts: Prudance Stratton, Administrator/Communicator Dr. David A. Ross, Sea Grant Coordinator

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